

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
**August
2007**

Edmund G. Brown Jr.
Governor
State of California

John Laird
Secretary for Resources
The Resources Agency

Mark Cowin
Director
Department of Water Resources

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of publication date on December 2011. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following highlights are activities or actions that impacted State Water Project operations during the month of August 2007.

Statewide precipitation was about 60 percent of average for the 2006 - 2007 water year through August 31. Statewide runoff was 50 percent of average for the water year. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available via the internet at: "http://cdec.water.ca.gov/snow_rain.html".

Statewide reservoir storage was 85 percent of average to date. Total storage in major SWP reservoirs at the end of August 2007, was about 2.79 maf, compared with about 4.45 maf at this time in 2006. On August 31, 2001, storage at Lake Oroville was about 1.82 maf as compared to 3.01 maf at this time in 2006. The State's share of San Luis Reservoir storage was about 380 taf, as compared with 833 taf at this time in 2006. The combined storage in SWP's southern reservoirs was about 594 taf, compared with about 601 taf at this time in 2006.

Snowpack and runoff data is not available this month. This data is compiled four times a year, for the months of January, February, March, and April by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of the volume of seasonal runoff from the state's major watersheds, and summaries of precipitation, reservoir storages in various regions of the State.

SWP water deliveries for August 2007 were about 432 taf. This is a combination of project, transfer, and exchange waters. Total deliveries for the year through August was about 3.43 maf, this is about 81 taf less than that delivered during the same period in 2006.

The Coordinated Operations Agreement (COA) remained in "Balanced" conditions throughout the month of August 2007. The end-of-month accumulated USBR-COA balance was 36,799 cfs, reflecting a surplus in USBR storage withdrawals available to meet the USBR's share of Sacramento Valley In-Basin Use.

On August 3, Hyatt Unit 1 was de-rated to 135 MW, due to declining lake elevation and 3200 cfs maximum flow. Thermalito Unit 1 remained out of service. At 1720 hours, Hyatt Units 2 and 4 were de-rated to 114 MW, due to full wicket gate positions. At 2140 hours, Thermalito Unit 1 was available for service after forced outage due to bearing temperatures.

On August 8, the Office of Emergency Services called to inform CDWR that a spill had occurred in a dry flood control channel in Riverside County at Highway 10 and Highland Springs Avenue. The incident was a truck accident and both tanks of a tanker truck had been punctured, spilling motor oil. The incident did not involve any State Water Project facilities.

Table 1. Antelope Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 22,566 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | Computed Inflow (cfs) | |
|----------------|-----------------------------------|---------|----------------|--------------------|-----------------------|-------------|-------|-----------------------------------|-----------------------|--|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage | | |
| | | | | Stream-flow Maint. | Water Supply Contract | Water Right | | | | |
| Jul 31 | 4998.32 | 19,285 | | | | | | | | |
| 1 | 4998.25 | 19,225 | -60 | 20 | 0 | 0 | 0 | 10 | 30 | |
| 2 | 4998.19 | 19,175 | -50 | 20 | 0 | 0 | 0 | 10 | 30 | |
| 3 | 4998.13 | 19,124 | -51 | 20 | 0 | 0 | 0 | 10 | 30 | |
| 4 | 4998.04 | 19,048 | -76 | 20 | 0 | 0 | 0 | 10 | 30 | |
| 5 | 4997.97 | 18,989 | -59 | 20 | 0 | 0 | 0 | 10 | 30 | |
| 6 | 4997.89 | 18,921 | -68 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 7 | 4997.82 | 18,863 | -58 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 8 | 4997.74 | 18,795 | -68 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 9 | 4997.67 | 18,737 | -58 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 10 | 4997.58 | 18,662 | -75 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 11 | 4997.51 | 18,603 | -59 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 12 | 4997.44 | 18,545 | -58 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 13 | 4997.36 | 18,479 | -66 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 14 | 4997.29 | 18,421 | -58 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 15 | 4997.22 | 18,363 | -58 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 16 | 4997.15 | 18,305 | -58 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 17 | 4997.07 | 18,239 | -66 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 18 | 4996.99 | 18,174 | -65 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 19 | 4996.91 | 18,108 | -66 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 20 | 4996.84 | 18,051 | -57 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 21 | 4996.79 | 18,010 | -41 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 22 | 4996.70 | 17,937 | -73 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 23 | 4996.63 | 17,880 | -57 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 24 | 4996.56 | 17,823 | -57 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 25 | 4996.49 | 17,766 | -57 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 26 | 4996.41 | 17,701 | -65 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 27 | 4996.35 | 17,653 | -48 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 28 | 4996.28 | 17,596 | -57 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 29 | 4996.20 | 17,532 | -64 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 30 | 4996.15 | 17,492 | -40 | 20 | 0 | 0 | 0 | 11 | 31 | |
| 31 | 4996.06 | 17,420 | -72 | 20 | 0 | 0 | 0 | 11 | 31 | |
| Total cfs-days | | | | --- | 620 | 0 | 0 | 336 | 956 | |
| Total ac-ft | | | | -1,865 | 1,230 | 0 | 0 | 666 | 1,896 | |
| | | | | | | | | | 31 | |

Table 2. Frenchman Lake

Daily Operation
(in acre-feet except as noted)

Capacity: 55,477 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | Computed Inflow (cfs) | |
|----------------|-----------------------------------|---------|----------------|--------------------|--------------------------|-------------|-------|-----------------------------------|-----------------------|--|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage | | |
| | | | | Stream-flow Maint. | Water Supply Contract 1/ | Water Right | | | | |
| Jul 31 | 5573.50 | 35,394 | | | | | | | | |
| 1 | 5573.43 | 35,311 | -83 | 0 | 47 | 0 | 0 | 14 | 61 | |
| 2 | 5573.35 | 35,215 | -96 | 0 | 40 | 0 | 0 | 13 | 53 | |
| 3 | 5573.25 | 35,096 | -119 | 0 | 40 | 0 | 0 | 13 | 53 | |
| 4 | 5573.17 | 35,000 | -96 | 0 | 40 | 0 | 0 | 13 | 53 | |
| 5 | 5573.06 | 34,870 | -130 | 0 | 40 | 0 | 0 | 13 | 53 | |
| 6 | 5572.97 | 34,764 | -106 | 0 | 42 | 0 | 0 | 13 | 55 | |
| 7 | 5572.89 | 34,669 | -95 | 0 | 33 | 0 | 0 | 13 | 46 | |
| 8 | 5572.82 | 34,587 | -82 | 0 | 25 | 0 | 0 | 13 | 38 | |
| 9 | 5572.75 | 34,504 | -83 | 0 | 25 | 0 | 0 | 13 | 38 | |
| 10 | 5572.70 | 34,445 | -59 | 0 | 22 | 0 | 0 | 13 | 35 | |
| 11 | 5572.63 | 34,363 | -82 | 0 | 21 | 0 | 0 | 13 | 34 | |
| 12 | 5572.57 | 34,293 | -70 | 0 | 21 | 0 | 0 | 13 | 34 | |
| 13 | 5572.48 | 34,188 | -105 | 0 | 31 | 0 | 0 | 13 | 44 | |
| 14 | 5572.34 | 34,024 | -164 | 0 | 61 | 0 | 0 | 13 | 74 | |
| 15 | 5572.00 | 33,630 | -394 | 0 | 73 | 0 | 0 | 13 | 86 | |
| 16 | 5572.06 | 33,699 | 69 | 0 | 61 | 0 | 0 | 13 | 74 | |
| 17 | 5571.96 | 33,583 | -116 | 0 | 41 | 0 | 0 | 13 | 54 | |
| 18 | 5571.86 | 33,468 | -115 | 0 | 41 | 0 | 0 | 13 | 54 | |
| 19 | 5571.77 | 33,364 | -104 | 0 | 41 | 0 | 0 | 13 | 54 | |
| 20 | 5571.64 | 33,215 | -149 | 0 | 57 | 0 | 0 | 13 | 70 | |
| 21 | 5571.52 | 33,078 | -137 | 0 | 57 | 0 | 0 | 13 | 70 | |
| 22 | 5571.41 | 32,952 | -126 | 0 | 57 | 0 | 0 | 13 | 70 | |
| 23 | 5571.32 | 32,849 | -103 | 0 | 45 | 0 | 0 | 13 | 58 | |
| 24 | 5571.25 | 32,770 | -79 | 0 | 34 | 0 | 0 | 13 | 47 | |
| 25 | 5571.16 | 32,667 | -103 | 0 | 33 | 0 | 0 | 13 | 46 | |
| 26 | 5571.08 | 32,577 | -90 | 0 | 33 | 0 | 0 | 13 | 46 | |
| 27 | 5571.02 | 32,509 | -68 | 0 | 21 | 0 | 0 | 13 | 34 | |
| 28 | 5571.00 | 32,486 | -23 | 0 | 10 | 0 | 0 | 13 | 23 | |
| 29 | 5570.96 | 32,441 | -45 | 0 | 10 | 0 | 0 | 13 | 23 | |
| 30 | 5570.94 | 32,418 | -23 | 0 | 10 | 0 | 0 | 13 | 23 | |
| 31 | 5570.91 | 32,385 | -33 | 0 | 10 | 0 | 0 | 13 | 23 | |
| Total cfs-days | | | | --- | 0 | 1,122 | 0 | 0 | 404 | |
| Total ac-ft | | | | -3,009 | 0 | 2,225 | 0 | 0 | 802 | |
| | | | | | | | | | 3,027 | |
| | | | | | | | | | 18 | |

1/ Last Chance Creek Water District

Table 3. Lake Davis

Daily Operation
(in acre-feet except as noted)

Capacity: 84,371 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow in cfs | | | | | Computed Inflow (cfs) | |
|----------------|-----------------------------------|---------|----------------|--------------------|-----------------------|----------------|-------|-----------------------------------|-----------------------|--|
| | | | | Regulated Release | | | Spill | Estimated Evaporation And Seepage | | |
| | | | | Stream-flow Maint. | Water Supply Contract | Water Right 1/ | | | | |
| Jul 31 | 5763.80 | 45,780 | | | | | | | | |
| 1 | 5763.75 | 45,637 | -143 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 2 | 5763.74 | 45,608 | -29 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 3 | 5763.71 | 45,523 | -85 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 4 | 5763.66 | 45,380 | -143 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 5 | 5763.63 | 45,296 | -84 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 6 | 5763.60 | 45,210 | -86 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 7 | 5763.58 | 45,153 | -57 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 8 | 5763.56 | 45,125 | -28 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 9 | 5763.53 | 45,012 | -113 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 10 | 5763.50 | 44,927 | -85 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 11 | 5763.46 | 44,814 | -113 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 12 | 5763.43 | 44,729 | -85 | 5 | 0 | 5 | 0 | 32 | 42 | |
| 13 | 5763.40 | 44,645 | -84 | 6 | 0 | 4 | 0 | 32 | 42 | |
| 14 | 5763.36 | 44,532 | -113 | 7 | 0 | 3 | 0 | 32 | 42 | |
| 15 | 5763.33 | 44,448 | -84 | 7 | 0 | 3 | 0 | 31 | 41 | |
| 16 | 5763.30 | 44,363 | -85 | 7 | 0 | 3 | 0 | 31 | 41 | |
| 17 | 5763.27 | 44,279 | -84 | 7 | 0 | 3 | 0 | 31 | 41 | |
| 18 | 5763.23 | 44,167 | -112 | 6 | 0 | 4 | 0 | 31 | 41 | |
| 19 | 5763.20 | 44,083 | -84 | 6 | 0 | 4 | 0 | 31 | 41 | |
| 20 | 5763.18 | 44,028 | -55 | 8 | 0 | 3 | 0 | 31 | 41 | |
| 21 | 5763.16 | 43,972 | -56 | 9 | 0 | 1 | 0 | 31 | 41 | |
| 22 | 5763.15 | 43,944 | -28 | 9 | 0 | 1 | 0 | 31 | 41 | |
| 23 | 5763.12 | 43,860 | -84 | 8 | 0 | 3 | 0 | 31 | 41 | |
| 24 | 5763.08 | 43,749 | -111 | 8 | 0 | 2 | 0 | 31 | 41 | |
| 25 | 5763.05 | 43,665 | -84 | 8 | 0 | 2 | 0 | 31 | 41 | |
| 26 | 5763.01 | 43,554 | -111 | 8 | 0 | 2 | 0 | 31 | 41 | |
| 27 | 5762.98 | 43,471 | -83 | 8 | 0 | 2 | 0 | 31 | 41 | |
| 28 | 5762.96 | 43,415 | -56 | 8 | 0 | 3 | 0 | 31 | 41 | |
| 29 | 5762.93 | 43,332 | -83 | 7 | 0 | 3 | 0 | 31 | 41 | |
| 30 | 5762.91 | 43,277 | -55 | 7 | 0 | 3 | 0 | 31 | 41 | |
| 31 | 5762.90 | 43,249 | -28 | 7 | 0 | 3 | 0 | 31 | 41 | |
| Total cfs-days | | | | --- | 197 | 0 | 113 | 0 | 975 | |
| Total ac-ft | | | | -2,531 | 391 | 0 | 224 | 0 | 1,934 | |
| | | | | | | | | | 2,549 | |
| | | | | | | | | | 18 | |

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli)

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Outflow | | | | | | | Inflow | | |
|--------|-----------------------------------|-----------|----------------|--------------------------------|------------------|--------------------|----------------------|----------------|-------|---------------|---------------------------|--------------------|---------|
| | | | | Hyatt Powerplant Generation 1/ | Palermo Canal 2/ | Lime Saddle Marina | Butte County Del Oro | Evaporation 3/ | Spill | Total Outflow | Hyatt Powerplant Pumpback | Computed Inflow 4/ | |
| Jul 31 | 800.22 | 2,194,225 | | | | | | | | | | | |
| | 1 799.56 | 2,186,782 | -7,443 | 10,133 | 32 | 0 | 0 | 315 | 0 | 10,480 | 0 | 3,037 | |
| | 2 798.46 | 2,174,418 | -12,364 | 16,212 | 32 | 0 | 0 | 324 | 0 | 16,568 | 0 | 4,204 | |
| | 3 797.23 | 2,160,651 | -13,767 | 17,389 | 32 | 0 | 0 | 287 | 0 | 17,708 | 0 | 3,941 | |
| | 4 796.38 | 2,151,173 | -9,478 | 14,824 | 32 | 0 | 0 | 358 | 0 | 15,214 | 0 | 5,736 | |
| | 5 795.55 | 2,141,947 | -9,226 | 11,507 | 32 | 0 | 0 | 356 | 0 | 11,895 | 0 | 2,669 | |
| | 6 794.16 | 2,126,558 | -15,389 | 16,381 | 32 | 0 | 0 | 277 | 0 | 16,690 | 0 | 1,301 | |
| | 7 792.87 | 2,112,346 | -14,212 | 18,027 | 32 | 0 | 0 | 198 | 0 | 18,257 | 0 | 4,045 | |
| | 8 791.83 | 2,100,938 | -11,408 | 16,395 | 32 | 0 | 0 | 211 | 0 | 16,638 | 0 | 5,230 | |
| | 9 790.55 | 2,086,957 | -13,981 | 16,085 | 32 | 0 | 0 | 239 | 0 | 16,356 | 0 | 2,375 | |
| | 10 789.38 | 2,074,236 | -12,721 | 17,119 | 32 | 0 | 0 | 258 | 0 | 17,409 | 0 | 4,688 | |
| | 11 788.20 | 2,061,462 | -12,774 | 16,169 | 32 | 0 | 0 | 299 | 0 | 16,500 | 0 | 3,726 | |
| | 12 786.87 | 2,047,131 | -14,331 | 16,173 | 32 | 0 | 0 | 277 | 0 | 16,482 | 0 | 2,151 | |
| | 13 785.53 | 2,032,765 | -14,366 | 18,780 | 32 | 0 | 0 | 255 | 0 | 19,067 | 0 | 4,701 | |
| | 14 784.08 | 2,017,301 | -15,464 | 17,532 | 32 | 0 | 0 | 274 | 0 | 17,838 | 0 | 2,374 | |
| | 15 782.66 | 2,002,238 | -15,063 | 18,039 | 32 | 0 | 0 | 320 | 0 | 18,391 | 0 | 3,328 | |
| | 16 781.24 | 1,987,257 | -14,981 | 18,029 | 32 | 0 | 0 | 278 | 0 | 18,339 | 0 | 3,358 | |
| | 17 779.99 | 1,974,136 | -13,121 | 16,878 | 32 | 0 | 0 | 256 | 0 | 17,166 | 0 | 4,045 | |
| | 18 778.99 | 1,963,685 | -10,451 | 12,727 | 32 | 0 | 0 | 248 | 0 | 13,007 | 0 | 2,556 | |
| | 19 778.08 | 1,954,208 | -9,477 | 12,331 | 32 | 0 | 0 | 247 | 0 | 12,610 | 0 | 3,133 | |
| | 20 776.54 | 1,938,247 | -15,961 | 19,435 | 32 | 0 | 0 | 233 | 0 | 19,700 | 0 | 3,739 | |
| | 21 775.44 | 1,926,904 | -11,343 | 14,056 | 32 | 0 | 0 | 238 | 0 | 14,326 | 0 | 2,983 | |
| | 22 774.69 | 1,919,198 | -7,706 | 12,977 | 32 | 0 | 0 | 296 | 0 | 13,305 | 0 | 5,599 | |
| | 23 773.46 | 1,906,608 | -12,590 | 14,988 | 32 | 0 | 0 | 236 | 0 | 15,256 | 0 | 2,666 | |
| | 24 772.21 | 1,893,875 | -12,733 | 15,542 | 32 | 0 | 0 | 287 | 0 | 15,861 | 0 | 3,128 | |
| | 25 771.46 | 1,886,265 | -7,610 | 11,451 | 32 | 0 | 0 | 260 | 0 | 11,743 | 0 | 4,133 | |
| | 26 771.05 | 1,882,114 | -4,151 | 7,426 | 34 | 0 | 1 | 208 | 0 | 7,669 | 0 | 3,518 | |
| | 27 769.90 | 1,870,503 | -11,611 | 14,985 | 34 | 0 | 1 | 246 | 0 | 15,266 | 0 | 3,655 | |
| | 28 768.41 | 1,855,539 | -14,964 | 16,206 | 34 | 0 | 1 | 226 | 0 | 16,467 | 0 | 1,503 | |
| | 29 767.42 | 1,845,644 | -9,895 | 12,618 | 32 | 0 | 1 | 314 | 0 | 12,965 | 0 | 3,070 | |
| | 30 766.24 | 1,833,900 | -11,744 | 15,116 | 32 | 0 | 1 | 281 | 0 | 15,430 | 0 | 3,686 | |
| | 31 765.16 | 1,823,199 | -10,701 | 13,680 | 32 | 1 | 1 | 305 | 0 | 14,019 | 0 | 3,318 | |
| Total | | | | -371,026 | 469,210 | 990 | 1 | 6 | 8,407 | 0 | 478,614 | 0 | 107,588 |

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Capacity: 25,120 ac-ft

Daily Operation
(in acre-feet except as noted)

August 2007

| Date | Storage 1/ | Storage Change | Inflow | | | Outflow | | | | | Losses (-) And Gains (+) |
|--------|---------------|-------------------|------------------------------------|------------------------------|--|--|------------------------------|--------------------------------------|-------------------------------|---------------------------------|--------------------------------|
| | | | Lake Oroville Releases 2/ | Kelly Ridge Generation | Thermalito Pumping- Generating Plant Pumpback | Thermalito Pumping- Generating Plant Generation 3/ | Butte County Cal Water | Thermalito Irrigation District | Releases To River 4/ | Hyatt Powerplant Pumpback | |
| Jul 31 | 23,550 | | | | | | | | | | |
| | 1 | 23,634 | 84 | 10,133 | 426 | 0 | 9,842 | 3 | 8 | 1,442 | 0 |
| | 2 | 23,718 | 84 | 16,212 | 399 | 0 | 14,830 | 3 | 8 | 1,382 | 0 |
| | 3 | 23,648 | -70 | 17,389 | 351 | 0 | 16,642 | 3 | 8 | 1,265 | 0 |
| | 4 | 23,090 | -558 | 14,824 | 463 | 0 | 15,116 | 3 | 8 | 1,612 | 0 |
| | 5 | 23,366 | 276 | 11,507 | 462 | 0 | 10,510 | 3 | 8 | 1,698 | 0 |
| | 6 | 22,912 | -454 | 16,381 | 460 | 0 | 16,646 | 3 | 8 | 1,242 | 0 |
| | 7 | 23,099 | 187 | 18,027 | 451 | 0 | 16,918 | 3 | 8 | 1,251 | 0 |
| | 8 | 23,283 | 184 | 16,395 | 461 | 0 | 15,200 | 3 | 8 | 1,476 | 0 |
| | 9 | 23,611 | 328 | 16,085 | 395 | 0 | 14,556 | 3 | 8 | 1,484 | 0 |
| | 10 | 23,627 | 16 | 17,119 | 501 | 0 | 15,746 | 3 | 8 | 1,440 | 0 |
| | 11 | 23,573 | -54 | 16,169 | 501 | 0 | 14,840 | 3 | 8 | 1,251 | 0 |
| | 12 | 23,596 | 23 | 16,173 | 483 | 0 | 15,046 | 3 | 8 | 1,289 | 0 |
| | 13 | 23,574 | -22 | 18,780 | 486 | 0 | 17,882 | 3 | 8 | 1,261 | 0 |
| | 14 | 23,665 | 91 | 17,532 | 488 | 0 | 16,732 | 3 | 8 | 1,285 | 0 |
| | 15 | 23,444 | -221 | 18,039 | 487 | 0 | 17,251 | 3 | 8 | 1,370 | 0 |
| | 16 | 23,584 | 140 | 18,029 | 487 | 0 | 16,957 | 4 | 8 | 1,368 | 0 |
| | 17 | 23,865 | 281 | 16,878 | 500 | 0 | 15,508 | 4 | 8 | 1,368 | 0 |
| | 18 | 24,435 | 570 | 12,727 | 500 | 0 | 10,962 | 4 | 9 | 1,355 | 0 |
| | 19 | 23,831 | -604 | 12,331 | 487 | 0 | 11,870 | 4 | 9 | 1,293 | 0 |
| | 20 | 23,857 | 26 | 19,435 | 485 | 0 | 18,764 | 4 | 9 | 1,315 | 0 |
| | 21 | 23,917 | 60 | 14,056 | 483 | 0 | 13,634 | 4 | 9 | 1,311 | 0 |
| | 22 | 23,759 | -158 | 12,977 | 483 | 0 | 11,544 | 4 | 9 | 1,489 | 0 |
| | 23 | 23,853 | 94 | 14,988 | 482 | 0 | 13,822 | 4 | 9 | 1,277 | 0 |
| | 24 | 23,613 | -240 | 15,542 | 482 | 0 | 14,786 | 4 | 9 | 1,283 | 0 |
| | 25 | 24,014 | 401 | 11,451 | 445 | 0 | 10,042 | 4 | 9 | 1,279 | 0 |
| | 26 | 23,868 | -146 | 7,426 | 490 | 0 | 6,422 | 4 | 9 | 1,277 | 0 |
| | 27 | 24,079 | 211 | 14,985 | 489 | 0 | 14,137 | 4 | 9 | 1,285 | 0 |
| | 28 | 23,290 | -789 | 16,206 | 407 | 0 | 16,042 | 4 | 9 | 1,263 | 0 |
| | 29 | 23,941 | 651 | 12,618 | 426 | 0 | 10,940 | 4 | 9 | 1,230 | 0 |
| | 30 | 23,919 | -22 | 15,116 | 474 | 0 | 14,154 | 4 | 9 | 1,244 | 0 |
| | 31 | 24,159 | 240 | 13,680 | 451 | 0 | 12,490 | 4 | 9 | 1,246 | 0 |
| Total | | 609 | 469,210 | 14,385 | 0 | 439,831 | 109 | 262 | 41,631 | 0 | -1,153 |

1/ Sum of Thermalito Forebay and Diversion Pool.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

3/ Includes Bypass flows at Thermalito.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | Outflow | | | | | Losses (-) and Gains (+) | Total Releases to River 2/ | |
|--------|-----------------------------------|---------|----------------|---|--------------------|-----------------------|----------------|---------------|-----------------------|--|--------------------------|----------------------------|---------|
| | | | | Thermalito Pumping-Generating Plant Generation 1/ | Sutter Butte Canal | Western Canal Lateral | Richvale Canal | Western Canal | Afterbay River Outlet | Thermalito Pumping-Generating Plant Pumpback | | | |
| Jul 31 | 131.84 | 38,539 | | | | | | | | | | | |
| 1 | 130.14 | 32,618 | -5,921 | 9,842 | 2,995 | 28 | 853 | 2,003 | 9,620 | 0 | -264 | 11,062 | |
| 2 | 130.17 | 32,719 | 101 | 14,830 | 3,015 | 28 | 900 | 1,942 | 9,640 | 0 | 795 | 11,022 | |
| 3 | 130.66 | 34,380 | 1,661 | 16,642 | 3,015 | 28 | 900 | 1,898 | 9,739 | 0 | 599 | 11,004 | |
| 4 | 130.54 | 33,970 | -410 | 15,116 | 3,015 | 28 | 850 | 1,888 | 9,402 | 0 | -343 | 11,014 | |
| 5 | 129.16 | 29,417 | -4,553 | 10,510 | 3,015 | 28 | 300 | 1,876 | 9,362 | 0 | -482 | 11,060 | |
| 6 | 129.49 | 30,478 | 1,061 | 16,646 | 3,015 | 26 | 900 | 1,869 | 9,739 | 0 | -37 | 10,981 | |
| 7 | 129.94 | 31,952 | 1,474 | 16,918 | 3,015 | 26 | 900 | 1,869 | 10,275 | 0 | 640 | 11,526 | |
| 8 | 129.73 | 31,260 | -692 | 15,200 | 2,995 | 26 | 900 | 1,843 | 10,572 | 0 | 444 | 12,048 | |
| 9 | 129.45 | 30,348 | -912 | 14,556 | 2,955 | 26 | 840 | 1,819 | 10,552 | 0 | 724 | 12,036 | |
| 10 | 129.65 | 30,998 | 650 | 15,746 | 2,916 | 26 | 833 | 1,795 | 10,552 | 0 | 1,026 | 11,992 | |
| 11 | 129.50 | 30,510 | -488 | 14,840 | 2,936 | 26 | 833 | 1,751 | 10,731 | 0 | 949 | 11,982 | |
| 12 | 129.39 | 30,154 | -356 | 15,046 | 2,955 | 26 | 833 | 1,726 | 10,751 | 0 | 888 | 12,040 | |
| 13 | 130.11 | 32,518 | 2,364 | 17,882 | 2,955 | 22 | 810 | 1,682 | 10,751 | 0 | 702 | 12,012 | |
| 14 | 130.57 | 34,072 | 1,554 | 16,732 | 2,975 | 18 | 801 | 1,646 | 10,195 | 0 | 458 | 11,480 | |
| 15 | 131.46 | 37,175 | 3,103 | 17,251 | 2,955 | 18 | 750 | 1,630 | 9,739 | 0 | 945 | 11,109 | |
| 16 | 132.17 | 39,741 | 2,566 | 16,957 | 2,896 | 18 | 790 | 1,621 | 9,739 | 0 | 672 | 11,107 | |
| 17 | 132.48 | 40,887 | 1,146 | 15,508 | 2,896 | 17 | 700 | 1,601 | 9,739 | 0 | 591 | 11,107 | |
| 18 | 131.65 | 37,854 | -3,033 | 10,962 | 2,916 | 16 | 650 | 1,565 | 9,739 | 0 | 891 | 11,094 | |
| 19 | 131.02 | 35,625 | -2,229 | 11,870 | 2,896 | 16 | 650 | 1,504 | 9,739 | 0 | 705 | 11,032 | |
| 20 | 132.20 | 39,852 | 4,227 | 18,764 | 2,896 | 16 | 641 | 1,454 | 9,739 | 0 | 209 | 11,054 | |
| 21 | 132.04 | 39,266 | -586 | 13,634 | 2,876 | 16 | 600 | 1,398 | 9,739 | 0 | 410 | 11,050 | |
| 22 | 131.47 | 37,211 | -2,055 | 11,544 | 2,817 | 15 | 540 | 1,363 | 9,560 | 0 | 696 | 11,049 | |
| 23 | 131.58 | 37,603 | 392 | 13,822 | 2,757 | 14 | 516 | 1,313 | 9,739 | 0 | 909 | 11,016 | |
| 24 | 132.01 | 39,156 | 1,553 | 14,786 | 2,717 | 14 | 595 | 1,264 | 9,739 | 0 | 1,096 | 11,022 | |
| 25 | 131.05 | 35,730 | -3,426 | 10,042 | 2,698 | 14 | 510 | 1,208 | 9,739 | 0 | 701 | 11,018 | |
| 26 | 128.95 | 28,751 | -6,979 | 6,422 | 2,658 | 14 | 500 | 1,184 | 9,739 | 0 | 693 | 11,016 | |
| 27 | 129.15 | 29,385 | 634 | 14,137 | 2,618 | 13 | 500 | 1,113 | 9,739 | 0 | 480 | 11,024 | |
| 28 | 130.04 | 32,285 | 2,900 | 16,042 | 2,559 | 12 | 450 | 1,043 | 9,739 | 0 | 661 | 11,002 | |
| 29 | 129.46 | 30,380 | -1,905 | 10,940 | 2,479 | 11 | 432 | 1,026 | 9,739 | 0 | 841 | 10,969 | |
| 30 | 129.88 | 31,754 | 1,374 | 14,154 | 2,400 | 11 | 413 | 1,004 | 9,739 | 0 | 786 | 10,983 | |
| 31 | 129.84 | 31,622 | -132 | 12,490 | 2,341 | 11 | 400 | 926 | 9,739 | 0 | 794 | 10,985 | |
| Total | | | | -6,917 | 439,831 | 88,150 | 603 | 21,090 | 47,820 | 307,260 | 0 | 18,175 | 348,895 |

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

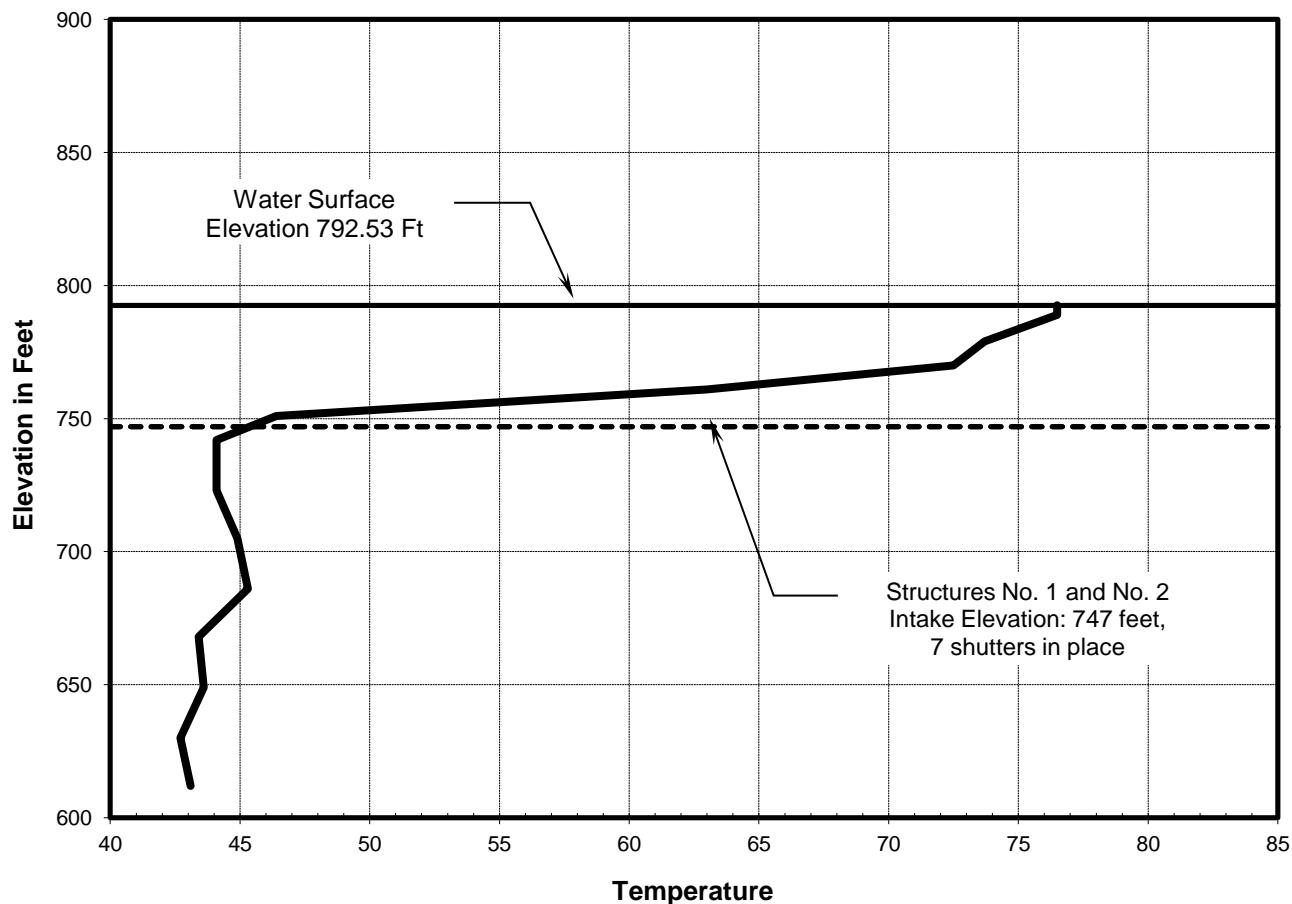
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

August 2007

| Date | Mean Daily Temperature | |
|------|----------------------------------|------------------|
| | Thermalito Afterbay Outlet | Fish Hatchery |
| 1 | 0 | 58 |
| 2 | 0 | 57 |
| 3 | 0 | 59 |
| 4 | 0 | 60 |
| 5 | 0 | 59 |
| 6 | 0 | 58 |
| 7 | 0 | 60 |
| 8 | 0 | 61 |
| 9 | 0 | 60 |
| 10 | 0 | 57 |
| 11 | 0 | 54 |
| 12 | 0 | 55 |
| 13 | 0 | 56 |
| 14 | 0 | 56 |
| 15 | 0 | 57 |
| 16 | 0 | 57 |
| 17 | 0 | 58 |
| 18 | 0 | 58 |
| 19 | 0 | 57 |
| 20 | 0 | 59 |
| 21 | 0 | 59 |
| 22 | 65 | 60 |
| 23 | 66 | 52 |
| 24 | 66 | 52 |
| 25 | 65 | 52 |
| 26 | 64 | 52 |
| 27 | 63 | 53 |
| 28 | 61 | 55 |
| 29 | 60 | 55 |
| 30 | 61 | 55 |
| 31 | 62 | 53 |

**Lake Oroville Temperature Profile
on August 8, 2007**

Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | |
|-----------|----------------------|---|-----------|---|------------------|------------|-------|--------|------------|--|
| | Beginning and Ending | | Structure | | | Table A | | Permit | Article 21 | |
| | No. | Structure | Mile | M & I | | Benicia | | | | |
| 1 | 1 | Barker Slough Pumping Plant | 0.17 | (Into the North Bay Aqueduct) | 7,679 | 235 | 334 | 114 | 200 | |
| | | Travis Surge Tank | 8.78 | | | | | | | |
| | | | 8.80 | Solano County Water Agency Travis AFB | 349 | | | | | |
| | | | 10.54 | Solano County Water Agency Fairfield / Vacaville 24" | 334 | | | | | |
| | | | | Solano County Water Agency Fairfield / Vacaville 42" | 2,169 | | | | | |
| | | | 17.00 | Solano County Water Agency Central Solano | Stub | | | | | |
| 2 | 3A | Cordelia Forebay | 21.23 | | | 1/ 23 | 1,380 | 2,406 | | |
| | | Cordelia Pumping Plant & Cordelia Spillway | 21.30 | | 4,717 | | | | | |
| | | Napa Pipeline | 21.33 | Solano County Water Agency Vallejo | 2,429 | | | | | |
| | | | | Solano County Water Agency Benicia | 1,380 | | | | | |
| | | Cordelia Surge Tank | 23.33 | | | | | | | |
| | | Creston Surge Tank Connection | 25.65 | | | | | | | |
| 3B | 2 | | 26.95 | Napa County Flood Control & WCD American Canyon 2 | 15 | 15 | 520 | 2/ 223 | | |
| | | | 27.27 | Napa County Flood Control & WCD American Canyon 3 | 0 | | | | | |
| | | Napa Terminal Tank | 27.58 | City of Napa | 520 | | | | | |
| | | | 27.60 | Napa County Flood Control & WCD American Canyon 1 | 373 | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

1/ Includes 23 AF of Napa Co. FC&WCD entitlement through Solano Co.'s turnout (Reach 3A) for delivery to American Canyon.

2/ Vallejo Permit Water sold to Napa.

Table 9. Delta Field Division Plant Data

(in acre-feet)

August 2007

| Date | North Bay Aqueduct | | California Aqueduct | | South Bay Aqueduct | | | |
|-------|-----------------------------|------------------------|---------------------|---------|-------------------------|-------------------------|---------------|--|
| | Barker Slough Pumping Plant | Cordelia Pumping Plant | Banks Pumping Plant | | South Bay Pumping Plant | Del Valle Pumping Plant | | |
| | | | Total | SWP | | Into Lake | Into Aqueduct | Gravity Flow Through Plant Into Aqueduct |
| 1 | 263 | 142 | 13,873 | 12,307 | 613 | 0 | 0 | 0 |
| 2 | 257 | 155 | 13,861 | 12,295 | 604 | 0 | 0 | 0 |
| 3 | 262 | 156 | 13,868 | 12,302 | 621 | 0 | 0 | 0 |
| 4 | 261 | 154 | 13,872 | 12,306 | 607 | 0 | 0 | 0 |
| 5 | 259 | 152 | 13,943 | 12,377 | 608 | 0 | 0 | 0 |
| 6 | 255 | 149 | 13,470 | 11,904 | 622 | 0 | 0 | 0 |
| 7 | 246 | 155 | 13,815 | 12,249 | 624 | 0 | 0 | 0 |
| 8 | 235 | 155 | 14,047 | 12,481 | 591 | 0 | 0 | 0 |
| 9 | 237 | 153 | 13,826 | 12,260 | 608 | 0 | 0 | 0 |
| 10 | 249 | 159 | 14,482 | 12,916 | 607 | 0 | 0 | 0 |
| 11 | 249 | 153 | 11,058 | 9,492 | 600 | 0 | 0 | 0 |
| 12 | 240 | 150 | 15,599 | 14,033 | 590 | 0 | 0 | 0 |
| 13 | 244 | 152 | 14,254 | 12,688 | 598 | 0 | 0 | 0 |
| 14 | 253 | 146 | 14,258 | 12,692 | 608 | 0 | 0 | 0 |
| 15 | 255 | 144 | 15,181 | 13,615 | 586 | 0 | 0 | 0 |
| 16 | 255 | 153 | 13,966 | 12,400 | 581 | 0 | 0 | 0 |
| 17 | 249 | 153 | 14,243 | 12,677 | 601 | 0 | 0 | 0 |
| 18 | 235 | 150 | 14,068 | 12,502 | 602 | 0 | 0 | 0 |
| 19 | 217 | 151 | 14,112 | 12,129 | 593 | 0 | 0 | 0 |
| 20 | 245 | 152 | 13,535 | 11,552 | 592 | 0 | 0 | 0 |
| 21 | 254 | 152 | 13,570 | 11,587 | 554 | 0 | 0 | 0 |
| 22 | 254 | 154 | 14,531 | 12,548 | 592 | 0 | 0 | 0 |
| 23 | 248 | 156 | 14,242 | 12,259 | 605 | 0 | 0 | 0 |
| 24 | 248 | 158 | 14,181 | 12,198 | 603 | 0 | 0 | 0 |
| 25 | 243 | 158 | 11,535 | 9,552 | 608 | 0 | 0 | 0 |
| 26 | 245 | 157 | 11,583 | 9,600 | 581 | 0 | 0 | 0 |
| 27 | 256 | 150 | 11,192 | 9,209 | 596 | 0 | 0 | 0 |
| 28 | 245 | 143 | 10,871 | 9,868 | 552 | 0 | 0 | 0 |
| 29 | 245 | 142 | 10,794 | 9,791 | 550 | 0 | 0 | 0 |
| 30 | 245 | 151 | 10,861 | 9,858 | 605 | 0 | 0 | 0 |
| 31 | 230 | 162 | 11,725 | 10,722 | 625 | 0 | 0 | 0 |
| Total | 7,679 | 4,717 | 414,416 | 364,369 | 18,527 | 0 | 0 | 0 |

Table 10. Clifton Court Forebay

Daily Operation of Gates

August 2007

| Date | Time | | | | | | | | Amount of inflow in Acre-Feet |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| | Opened | Closed | Opened | Closed | Opened | Closed | Opened | Closed | |
| 1 | 0:01 | 6:15 | 8:45 | 14:00 | 18:00 | | | | 14,171 |
| 2 | | 7:15 | 9:45 | 15:30 | 18:30 | | | | 14,228 |
| 3 | | 8:15 | 10:30 | 16:15 | 19:15 | | | | 14,210 |
| 4 | | 5:15 | 8:15 | 21:00 | | | | | 11,820 |
| 5 | 0:15 | 6:30 | 9:30 | 21:25 | | | | | 14,215 |
| 6 | 1:00 | 7:30 | 10:30 | 21:45 | | | | | 14,223 |
| 7 | 1:45 | 8:45 | 10:45 | 23:00 | | | | | 14,238 |
| 8 | 2:45 | 10:00 | 13:00 | 22:00 | | | | | 14,226 |
| 9 | 0:01 | 1:15 | 4:00 | 11:00 | 14:00 | 22:00 | | | 14,224 |
| 10 | 0:01 | 2:30 | 5:00 | 11:45 | 14:45 | 22:00 | | | 14,220 |
| 11 | 0:01 | 3:30 | 5:45 | 12:30 | 15:30 | | | | 13,038 |
| 12 | | 4:15 | 6:30 | 13:15 | 16:15 | 23:10 | | | 14,192 |
| 13 | 0:01 | 5:00 | 7:30 | 13:45 | 16:45 | 23:30 | | | 14,209 |
| 14 | 0:01 | 5:45 | 8:15 | 14:15 | 17:15 | 23:10 | | | 14,235 |
| 15 | 0:01 | 6:30 | 8:45 | 15:00 | 18:00 | 23:15 | | | 14,234 |
| 16 | 0:01 | 7:15 | 9:30 | 15:30 | 18:30 | 22:45 | | | 14,229 |
| 17 | 0:30 | 8:00 | 10:30 | 15:45 | 18:45 | 22:55 | | | 14,231 |
| 18 | 0:01 | 4:45 | 7:45 | 20:30 | 23:30 | | | | 14,216 |
| 19 | | 5:45 | 8:45 | 21:00 | | | | | 14,234 |
| 20 | 0:01 | 6:45 | 9:45 | 21:45 | | | | | 14,223 |
| 21 | 0:45 | 7:45 | 10:45 | 22:00 | | | | | 14,218 |
| 22 | 1:45 | 9:00 | 12:00 | | | | | | 14,227 |
| 23 | | 0:15 | 2:45 | 10:00 | 13:00 | | | | 14,219 |
| 24 | | 1:30 | 3:45 | 10:45 | 13:45 | | | | 14,223 |
| 25 | | 2:30 | 4:30 | 11:30 | 14:30 | | | | 11,893 |
| 26 | | 3:15 | 5:30 | 11:30 | 15:00 | 20:25 | | | 11,898 |
| 27 | 0:01 | 3:45 | 6:15 | 12:30 | 15:30 | 19:55 | | | 10,913 |
| 28 | 0:01 | 4:30 | 7:00 | 13:00 | 16:30 | 20:33 | | | 10,898 |
| 29 | 0:01 | 5:15 | 8:00 | 13:45 | 16:45 | 21:12 | | | 10,890 |
| 30 | 0:01 | 6:00 | 8:45 | 14:30 | 17:30 | 21:30 | | | 10,885 |
| 31 | 0:01 | 7:00 | 9:45 | 15:00 | 18:00 | 21:23 | | | 10,901 |
| Total inflow for the month in AF: | | | | | | | | | 415,981 |

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|-------------------------|---------|---|------------|------|-------|--------|-------------|--|--|
| | Beginning and Ending | | | | Table A | USBR | Local | Pool A | Local Other | | |
| | No. | Structure | Mile | | | | | | | | |
| | | | 1.83 | Byron-Bethany I.D. | 2,945 | | | | | | |
| 1 | 1 | Banks Pumping Plant | 3.32 | | 414,416 | 58 | 10 | | 2,945 | | |
| | | South Bay Pumping Plant | 4.49 | Bethany Reservoir (Into the South Bay Aquaduct) | 18,527 | | | | | | |
| | | Check No. 1 | 5.95 | | | | | | | | |
| | | | 8.08 | Alameda Co. Zone 7 WA Mountain House Golf Course | 58 | | | | | | |
| | 2 | Check No. 2 | 12.01 | | | | | | | | |
| | 3 | | 12.47 | Musco Olive | 10 | | | | | | |
| | | Check No. 3 | 18.29 | | | | | | | | |
| | 4 | | 22.16 | Tracy Golf & Country Club | 0 | | | | | | |
| | | Check No. 4 | 23.99 | | | | | | | | |
| 2A | 5 | Check No. 5 | 29.73 | | | | | | | | |
| | 6 | Check No. 6 | 34.24 | | | | | | | | |
| | 7 | | 35.22 | Turlock Fruit Company Inflow | 0 | | | | | | |
| | | Check No. 7 | 39.91 | | | | | | | | |
| | 8 | | 42.46 | Oak Flat Water District-A | 96 | 96 | 145 | 206 | 140 | | |
| | | | 42.9 | Western Hills WD | 145 | | | | | | |
| | | | 43.81 | Oak Flat Water District-B | 206 | | | | | | |
| | | | 44.64 | Oak Flat Water District-C | 140 | | | | | | |
| | | Check No. 8 | 45.97 | | | | | | | | |
| | 9 | | 46.18 | Oak Flat Water District-D | 117 | | | | | | |
| | | | | Oak Flat Totals: | 559 | 559 | 0 | 0 | 0 | | |
| 2B | Check No. 9 | 51.3 | | | | | | | | | |
| | 10 | Check No. 10 | 56.86 | | | | | | | | |
| | 11 | Check No. 11 | 61.4 | | | | | | | | |
| | 12 | | 66.14 | Veteran's Cemetery | 16 | | 16 | | | | |
| | | Check No. 12 | 66.71 | | 393,071 | | | | | | |

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|--|------------------------------|---|--|------------|------------|----------|-------|------|----|--|
| | Beginning and Ending | | | | | Table A | Article 21 | Other 1/ | Local | Rec. | | |
| | No. | Structure | Mile | | | | | | | | | |
| 1 | 1 | South Bay Pumping Plant | 0.00 | (into South Bay Aqueduct) | 18,527 | 4 | 38 | 1,000 | | | | |
| | | | 3.17 | | 0 | | | | | | | |
| | | | 3.18 | | 4 | | | | | | | |
| | 2 | Check No. 1 | 3.91 | | | | | | | | | |
| | 2 | Check No. 2 | 5.21 | | | | | | | | | |
| | 3 | | 7.21 | Zone 7 Water Agency Altamont | 38 | | | | | | | |
| 2 | | Check No. 3 | 9.49 | Zone 7 Water Agency Patterson Inflow Exchange Project Water | 0 | 556 | 1,000 | | | | | |
| | | | | | 1,556 | | | | | | | |
| | | | | | | | | | | | | |
| 4 | Check No. 4 | 10.68 | | | | | | | | | | |
| 5 | Check No. 5 | 12.29 | | | | | | | | | | |
| 4 | | 13.55 | Zone 7 Water Agency Wente #1 | 30 | | | | | | | | |
| | 4 | | | 14.16 | Zone 7 Water Agency Wente #2 | | | | | | 88 | |
| | | | | 14.31 | Zone 7 Water Agency Ising | | | | | | 47 | |
| | | | Check No. 6 | 14.65 | | | | | | | | |
| | | | | 14.78 | Zone 7 Water Agency Arroyo Mocho Project Water | | | | | | 0 | |
| | | | Check No. 7 | 16.38 | | | | | | | | |
| 5 | 8 | Del Valle Branch Pipeline Junction | 18.63 | Zone 7 Water Agency Wente #3 | 0 | 88 | 59 | 200 | 22 | | | |
| | | | | Zone 7 Water Agency Wente #4 | 88 | | | | | | | |
| | | | | Zone 7 Water Agency Norman Nursery | 0 | | | | | | | |
| | | | | Zone 7 Water Agency Concannon Project Water | 59 | | | | | | | |
| | | Deliveries through Del Valle Branch Pipeline | | Pumped into Lake Del Valle | 0 | | | | | | | |
| | | | | Pumped into South Bay Aqueduct | 0 | | | | | | | |
| | | | | Gravity into South Bay Aqueduct | 0 | | | | | | | |
| 6 | 8 | Del Valle Branch Pipeline | | Zone 7 Water Agency Arroyo Valle #1 & #2 Storage Exchange Project Water | 200 | 460 | 92 | 200 | 22 | | | |
| | | | | East Bay Regional Park Dist. Del Valle Recreation | 22 | | | | | | | |
| | | | | Zone 7 Water Agency Wente #5 | 92 | | | | | | | |
| | | | | Zone 7 Water Agency So. Livermore Project Inflow Release Project Water | 3,638 | | | | | | | |
| | | La Costa Tunnel | 22.50 | Zone 7 Water Agency Kalthrof Detjens | 145 | | | | | | | |
| | | | | ACWD Vallecitos Project Water | 1,113 | | | | | | | |
| 7 | | Mission Tunnel | 25.97 | City of San Francisco San Antonio | 0 | | | | | | | |
| | | | | ACWD - Bayside 1 & 2 Project Water Storage Exchange | 2,355 | | | | | | | |
| | | Santa Clara Pipeline | 35.86 | S.C.V.W.D. Meter | 8,558 | | | | | | | |

1/ Non-State Water Project contractor to State Water Project contractor.

Table 13. Lake Del Valle

Daily Operation

Capacity: 77,106 ac-ft

August 2007

| Date | Water Surface Elevation (feet) | Storage | Storage Change | Inflow | | Outflow | | | | | Precipitation (inches) |
|--------|--------------------------------|---------|----------------|------------|-------------------------|--------------|-----------------------|--------------------------|-------------|---------------|------------------------|
| | | | | Natural 1/ | From South Bay Aqueduct | Arroyo Valle | South Bay Aqueduct 2/ | Recreation Deliveries 3/ | Evaporation | Total Outflow | |
| Jul 31 | 698.37 | 36,722 | | | | | | | | | |
| 1 | 698.35 | 36,709 | -13 | 3 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 2 | 698.32 | 36,688 | -20 | -6 | 0 | 0 | 0 | 1 | 13 | 14 | 0.00 |
| 3 | 698.30 | 36,675 | -13 | 2 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 4 | 698.28 | 36,662 | -13 | 5 | 0 | 0 | 0 | 1 | 17 | 18 | 0.00 |
| 5 | 698.21 | 36,615 | -47 | -28 | 0 | 0 | 0 | 1 | 18 | 19 | 0.00 |
| 6 | 698.23 | 36,628 | 13 | 30 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 7 | 698.19 | 36,601 | -27 | -14 | 0 | 0 | 0 | 1 | 12 | 13 | 0.00 |
| 8 | 698.18 | 36,595 | -7 | 5 | 0 | 0 | 0 | 1 | 11 | 12 | 0.00 |
| 9 | 698.16 | 36,581 | -13 | 1 | 0 | 0 | 0 | 1 | 14 | 15 | 0.00 |
| 10 | 698.13 | 36,561 | -20 | -5 | 0 | 0 | 0 | 1 | 14 | 15 | 0.00 |
| 11 | 698.11 | 36,548 | -13 | 3 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 12 | 698.09 | 36,534 | -13 | 2 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 13 | 698.07 | 36,521 | -13 | 7 | 0 | 0 | 0 | 1 | 20 | 21 | 0.00 |
| 14 | 698.04 | 36,501 | -20 | -4 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 15 | 698.01 | 36,481 | -20 | -5 | 0 | 0 | 0 | 1 | 14 | 15 | 0.00 |
| 16 | 697.99 | 36,467 | -13 | 5 | 0 | 0 | 0 | 1 | 17 | 18 | 0.00 |
| 17 | 697.96 | 36,447 | -20 | -5 | 0 | 0 | 0 | 1 | 14 | 15 | 0.00 |
| 18 | 697.93 | 36,427 | -20 | -5 | 0 | 0 | 0 | 1 | 14 | 15 | 0.00 |
| 19 | 697.91 | 36,414 | -13 | -1 | 0 | 0 | 0 | 1 | 11 | 12 | 0.00 |
| 20 | 697.91 | 36,414 | 0 | 14 | 0 | 0 | 0 | 1 | 13 | 14 | 0.00 |
| 21 | 697.98 | 36,461 | 47 | 62 | 0 | 0 | 0 | 1 | 15 | 16 | 0.00 |
| 22 | 697.86 | 36,380 | -80 | -68 | 0 | 0 | 0 | 1 | 11 | 12 | 0.00 |
| 23 | 697.84 | 36,367 | -13 | 2 | 0 | 0 | 0 | 0 | 15 | 15 | 0.00 |
| 24 | 697.83 | 36,360 | -7 | 7 | 0 | 0 | 0 | 0 | 14 | 14 | 0.00 |
| 25 | 697.81 | 36,347 | -13 | 0 | 0 | 0 | 0 | 0 | 14 | 14 | 0.00 |
| 26 | 697.77 | 36,320 | -27 | -16 | 0 | 0 | 0 | 0 | 11 | 11 | 0.00 |
| 27 | 697.76 | 36,314 | -7 | 5 | 0 | 0 | 0 | 0 | 12 | 12 | 0.00 |
| 28 | 697.74 | 36,300 | -13 | 2 | 0 | 0 | 0 | 0 | 16 | 16 | 0.00 |
| 29 | 697.70 | 36,273 | -27 | -12 | 0 | 0 | 0 | 0 | 15 | 15 | 0.00 |
| 30 | 697.69 | 36,267 | -7 | 12 | 0 | 0 | 0 | 0 | 19 | 19 | 0.00 |
| 31 | 697.67 | 36,253 | -13 | 4 | 0 | 0 | 0 | 0 | 17 | 17 | 0.00 |
| Total | | -469 | | 0 | 0 | 0 | 0 | 22 | 447 | 469 | 0.00 |

1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.

2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.

3/ To East Bay Regional Park District.

NR=No Records

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

August 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

| Date | Water Surface Elevation (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | | | | Outflow (cfs) | | | | Computed Losses (-) Gains (+) (cfs) | |
|-----------|-----------------------------------|-----------------|------------------------|--------------|---|--|---------------------|---|--|--------------------------|---------------|-------------------------------------|-------|
| | | | | Pump In 1/ | O'Neill Pumping Generating Plant (Pumped) | Gianelli Pumping Generating Plant (Generation) | California Aqueduct | O'Neill Pumping Generating Plant (Generation) | Gianelli Pumping Generating Plant (Pumped) | Dos Amigos Pumping Plant | Deliveries 2/ | | |
| Jul 31 | 221.06 | 45,918 | | | | | | | | | | | |
| 1 | 222.77 | 50,433 | 4,515 | 0 | 1,187 | 3,012 | 6,800 | 0 | 1,170 | 7,544 | 43 | 34 | |
| 2 | 222.49 | 49,687 | -746 | 0 | 1,073 | 1,320 | 6,585 | 81 | 1,187 | 8,120 | 20 | 54 | |
| 3 | 222.09 | 48,624 | -1,063 | 0 | 865 | 445 | 6,660 | 49 | 396 | 8,069 | 20 | 28 | |
| 4 | 222.35 | 49,314 | 690 | 0 | 759 | 0 | 6,565 | 0 | 0 | 7,018 | 20 | 62 | |
| 5 | 222.05 | 48,517 | -797 | 0 | 722 | 0 | 6,633 | 0 | 0 | 7,552 | 20 | -185 | |
| 6 | 222.66 | 50,139 | 1,622 | 0 | 1,117 | 0 | 6,106 | 0 | 0 | 6,580 | 20 | 195 | |
| 7 | 223.15 | 51,447 | 1,308 | 0 | 1,254 | 0 | 6,866 | 0 | 0 | 7,281 | 20 | -160 | |
| 8 | 223.53 | 52,464 | 1,017 | 0 | 1,350 | 0 | 6,709 | 0 | 1,337 | 6,343 | 22 | 156 | |
| 9 | 222.95 | 50,913 | -1,551 | 0 | 1,433 | 0 | 6,525 | 0 | 1,982 | 6,971 | 19 | 232 | |
| 10 | 223.21 | 51,607 | 694 | 0 | 1,336 | 0 | 7,085 | 0 | 1,387 | 6,851 | 19 | 186 | |
| 11 | 221.61 | 47,362 | -4,245 | 0 | 1,352 | 0 | 5,339 | 0 | 1,590 | 7,474 | 19 | 252 | |
| 12 | 221.65 | 47,467 | 105 | 0 | 1,410 | 974 | 7,289 | 0 | 3,712 | 6,101 | 19 | 212 | |
| 13 | 222.26 | 49,075 | 1,608 | 0 | 1,454 | 0 | 7,024 | 0 | 1,366 | 6,362 | 19 | 80 | |
| 14 | 222.76 | 50,406 | 1,331 | 0 | 1,376 | 0 | 6,688 | 0 | 794 | 6,603 | 19 | 23 | |
| 15 | 222.57 | 49,900 | -506 | 0 | 1,203 | 244 | 7,303 | 0 | 2,585 | 6,371 | 23 | -26 | |
| 16 | 222.74 | 50,353 | 453 | 0 | 1,072 | 546 | 6,699 | 0 | 1,924 | 6,304 | 19 | 158 | |
| 17 | 223.92 | 53,511 | 3,158 | 0 | 1,325 | 1,140 | 6,820 | 0 | 1,174 | 6,144 | 19 | -356 | |
| 18 | 222.88 | 50,726 | -2,785 | 0 | 1,405 | 0 | 6,678 | 0 | 3,592 | 6,119 | 19 | 243 | |
| 19 | 222.15 | 48,783 | -1,943 | 0 | 1,292 | 0 | 6,764 | 0 | 3,099 | 5,902 | 19 | -16 | |
| 20 | 223.30 | 51,848 | 3,065 | 0 | 1,596 | 958 | 6,513 | 0 | 1,608 | 6,084 | 19 | 189 | |
| 21 | 223.33 | 51,928 | 80 | 0 | 1,613 | 0 | 6,895 | 0 | 2,822 | 5,746 | 19 | 119 | |
| 22 | 223.06 | 51,206 | -722 | 0 | 1,669 | 0 | 7,057 | 0 | 3,755 | 5,317 | 25 | 7 | |
| 23 | 223.08 | 51,260 | 54 | 0 | 1,779 | 0 | 6,465 | 0 | 2,083 | 6,066 | 9 | -59 | |
| 24 | 222.49 | 49,687 | -1,573 | 0 | 1,859 | 0 | 6,641 | 0 | 3,219 | 6,239 | 9 | 174 | |
| 25 | 222.26 | 49,075 | -612 | 0 | 1,898 | 0 | 5,493 | 0 | 2,147 | 5,626 | 9 | 82 | |
| 26 | 222.43 | 49,527 | 452 | 0 | 1,999 | 0 | 5,586 | 0 | 1,510 | 5,841 | 9 | 3 | |
| 27 | 223.33 | 51,928 | 2,401 | 0 | 2,280 | 0 | 5,010 | 0 | 2,012 | 4,130 | 9 | 71 | |
| 28 | 223.35 | 51,982 | 54 | 0 | 2,375 | 0 | 5,740 | 0 | 3,213 | 5,150 | 9 | 284 | |
| 29 | 223.33 | 51,928 | -54 | 0 | 2,294 | 643 | 4,799 | 16 | 2,587 | 5,094 | 11 | -55 | |
| 30 | 222.39 | 49,421 | -2,507 | 0 | 2,066 | 492 | 5,202 | 0 | 4,005 | 5,342 | 14 | 337 | |
| 31 | 222.24 | 49,022 | -399 | 0 | 2,070 | 241 | 5,631 | 0 | 3,369 | 4,924 | 14 | 164 | |
| Total | | | | 3,104 | 0 | 46,483 | 10,015 | 198,170 | 146 | 59,625 | 195,268 | 554 | 2,488 |
| Mean cfs | | | | --- | 0 | 1,499 | 323 | 6,393 | 5 | 1,923 | 6,299 | 18 | 80 |
| Acre-feet | | | | 3,104 | 0 | 92,201 | 19,864 | 393,071 | 290 | 118,263 | 387,316 | 1,098 | 4,935 |

1/ Pump-in located at Mile 79.67R.

2/ Includes 116 AF delivered to DFG at O'Neill Forebay, 0 AF to Parks & Rec., 0 AF to the Cattle Program and 982 AF to San Luis Water District.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

August 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 2,027,835 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | | Outflow (cfs) | | | Computed Losses (-) Gains (+) (cfs) |
|-----------|----------------------------------|--------------------|---------------------------|---|---|-------------------|---------------------|---------|---|
| | | | | Gianelli Pumping Generating Plant (Pumped) | Gianelli Pumping Generating Plant (Generation) | Pacheco Tunnel 1/ | Parks and Rec. Del. | | |
| Jul 31 | 385.39 | 411,629 | | | | | | | |
| 1 | 384.79 | 407,271 | -4,358 | 1,170 | 3,012 | 278 | 0 | -77 | |
| 2 | 384.62 | 406,040 | -1,231 | 1,187 | 1,320 | 292 | 0 | -196 | |
| 3 | 384.50 | 405,171 | -869 | 396 | 445 | 296 | 0 | -93 | |
| 4 | 384.40 | 404,448 | -723 | 0 | 0 | 305 | 0 | -60 | |
| 5 | 384.29 | 403,653 | -795 | 0 | 0 | 268 | 0 | -133 | |
| 6 | 384.16 | 402,714 | -939 | 0 | 0 | 285 | 0 | -188 | |
| 7 | 384.03 | 401,776 | -938 | 0 | 0 | 273 | 0 | -200 | |
| 8 | 384.23 | 403,219 | 1,443 | 1,337 | 0 | 268 | 0 | -341 | |
| 9 | 384.65 | 406,257 | 3,038 | 1,982 | 0 | 274 | 0 | -176 | |
| 10 | 384.87 | 407,851 | 1,594 | 1,387 | 0 | 301 | 0 | -282 | |
| 11 | 385.15 | 409,884 | 2,033 | 1,590 | 0 | 297 | 0 | -268 | |
| 12 | 385.66 | 413,596 | 3,712 | 3,712 | 974 | 269 | 0 | -598 | |
| 13 | 385.95 | 415,712 | 2,116 | 1,366 | 0 | 281 | 0 | -18 | |
| 14 | 386.04 | 416,369 | 657 | 794 | 0 | 277 | 0 | -186 | |
| 15 | 386.50 | 419,736 | 3,367 | 2,585 | 244 | 282 | 0 | -361 | |
| 16 | 386.72 | 421,350 | 1,614 | 1,924 | 546 | 290 | 0 | -274 | |
| 17 | 386.60 | 420,469 | -881 | 1,174 | 1,140 | 292 | 0 | -186 | |
| 18 | 387.36 | 426,057 | 5,588 | 3,592 | 0 | 298 | 0 | -477 | |
| 19 | 387.80 | 429,304 | 3,247 | 3,099 | 0 | 271 | 0 | -1,191 | |
| 20 | 388.04 | 431,079 | 1,775 | 1,608 | 958 | 294 | 0 | 539 | |
| 21 | 388.60 | 435,231 | 4,152 | 2,822 | 0 | 299 | 0 | -430 | |
| 22 | 389.41 | 441,263 | 6,032 | 3,755 | 0 | 287 | 0 | -427 | |
| 23 | 389.82 | 444,328 | 3,065 | 2,083 | 0 | 286 | 0 | -252 | |
| 24 | 390.50 | 449,428 | 5,100 | 3,219 | 0 | 280 | 0 | -368 | |
| 25 | 391.00 | 453,192 | 3,764 | 2,147 | 0 | 265 | 0 | 16 | |
| 26 | 391.28 | 455,305 | 2,113 | 1,510 | 0 | 248 | 0 | -197 | |
| 27 | 391.65 | 458,103 | 2,798 | 2,012 | 0 | 271 | 0 | -330 | |
| 28 | 392.31 | 463,108 | 5,005 | 3,213 | 0 | 269 | 0 | -421 | |
| 29 | 392.67 | 465,847 | 2,739 | 2,587 | 643 | 281 | 0 | -282 | |
| 30 | 393.41 | 471,496 | 5,649 | 4,005 | 492 | 283 | 0 | -382 | |
| 31 | 394.10 | 476,786 | 5,290 | 3,369 | 241 | 298 | 1 | -162 | |
| Total | | | 65,157 | 59,625 | 10,015 | 8,758 | 1 | -8,001 | |
| Mean cfs | | | --- | 1,923 | 323 | 283 | 0 | -258 | |
| Acre-feet | | | 65,157 | 118,263 | 19,864 | 17,378 | 1 | -15,863 | |

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 14,183 AF, Casa De Fruta 0 AF, and San Benito 3,195 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

August 2007

| Date | Dos Amigos Pumping Plant | | Gianelli Pumping - Generating Plant | | | | San Felipe Project |
|-------|--------------------------|-------------------|-------------------------------------|----------------------|---------------|-------------------|--------------------|
| | Total Pumping | SWP Pumping 1/ 2/ | Total Generation | SWP Generation 1/ 2/ | Total Pumping | SWP Pumping 1/ 2/ | Federal |
| 1 | 14,964 | 11,713 | 5,975 | 5,975 | 2,321 | 15 | 551 |
| 2 | 16,107 | 12,866 | 2,618 | 2,618 | 2,355 | 2,355 | 580 |
| 3 | 16,004 | 12,758 | 883 | 883 | 785 | 785 | 587 |
| 4 | 13,921 | 10,632 | 0 | 0 | 0 | 0 | 605 |
| 5 | 14,980 | 11,742 | 0 | 0 | 0 | 0 | 531 |
| 6 | 13,051 | 9,751 | 0 | 0 | 0 | 0 | 566 |
| 7 | 14,441 | 11,201 | 0 | 0 | 0 | 0 | 542 |
| 8 | 12,582 | 9,292 | 0 | 0 | 2,651 | 2,651 | 532 |
| 9 | 13,827 | 10,555 | 0 | 0 | 3,932 | 1,575 | 543 |
| 10 | 13,588 | 10,260 | 0 | 0 | 2,752 | 2,752 | 597 |
| 11 | 14,824 | 11,544 | 0 | 0 | 3,154 | 1,564 | 589 |
| 12 | 12,101 | 8,879 | 1,931 | 1,931 | 7,363 | 5,829 | 534 |
| 13 | 12,620 | 9,363 | 0 | 0 | 2,710 | 2,710 | 558 |
| 14 | 13,097 | 9,779 | 0 | 0 | 1,574 | 1,574 | 550 |
| 15 | 12,637 | 9,345 | 483 | 483 | 5,127 | 2,826 | 559 |
| 16 | 12,504 | 9,202 | 1,082 | 1,082 | 3,817 | 1,490 | 575 |
| 17 | 12,187 | 8,942 | 2,261 | 2,261 | 2,328 | 2,328 | 580 |
| 18 | 12,137 | 8,813 | 0 | 0 | 7,124 | 7,124 | 591 |
| 19 | 11,706 | 8,087 | 0 | 0 | 6,146 | 6,146 | 537 |
| 20 | 12,068 | 8,376 | 1,901 | 1,901 | 3,189 | 3,189 | 584 |
| 21 | 11,398 | 7,739 | 0 | 0 | 5,598 | 3,313 | 594 |
| 22 | 10,546 | 6,847 | 0 | 0 | 7,449 | 4,435 | 570 |
| 23 | 12,031 | 8,371 | 0 | 0 | 4,131 | 1,876 | 568 |
| 24 | 12,376 | 8,635 | 0 | 0 | 6,384 | 4,917 | 556 |
| 25 | 11,160 | 7,457 | 0 | 0 | 4,258 | 2,891 | 526 |
| 26 | 11,586 | 7,971 | 0 | 0 | 2,995 | 615 | 491 |
| 27 | 8,192 | 4,515 | 0 | 0 | 3,990 | 1,989 | 537 |
| 28 | 10,216 | 6,510 | 0 | 0 | 6,373 | 3,407 | 534 |
| 29 | 10,103 | 7,064 | 1,276 | 1,276 | 5,131 | 2,137 | 558 |
| 30 | 10,595 | 7,556 | 975 | 975 | 7,944 | 4,996 | 561 |
| 31 | 9,767 | 6,716 | 479 | 479 | 6,682 | 4,536 | 592 |
| Total | 387,316 | 282,481 | 19,864 | 19,864 | 118,263 | 80,025 | 17,378 |

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

August 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity 34,560 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Estimated Inflow (cfs) | Estimated Outflow (cfs) | | Computed Losses (-) Gains (+) (ac-ft) |
|-----------|----------------------------------|--------------------|---------------------------|---------------------------|-------------------------|--------|---|
| | | | | | Spill | Outlet | |
| Jul 31 | 324.35 | 18,990 | | | | | |
| 1 | 324.32 | 18,977 | -13 | 0 | 0 | 0 | -13 |
| 2 | 324.30 | 18,968 | -9 | 0 | 0 | 0 | -9 |
| 3 | 324.28 | 18,959 | -9 | 0 | 0 | 0 | -9 |
| 4 | 324.25 | 18,945 | -14 | 0 | 0 | 0 | -14 |
| 5 | 324.18 | 18,914 | -31 | 0 | 0 | 0 | -31 |
| 6 | 324.15 | 18,901 | -13 | 0 | 0 | 0 | -13 |
| 7 | 324.12 | 18,887 | -14 | 0 | 0 | 0 | -14 |
| 8 | 324.10 | 18,878 | -9 | 0 | 0 | 0 | -9 |
| 9 | 324.08 | 18,869 | -9 | 0 | 0 | 0 | -9 |
| 10 | 324.06 | 18,860 | -9 | 0 | 0 | 0 | -9 |
| 11 | 324.00 | 18,833 | -27 | 0 | 0 | 0 | -27 |
| 12 | 323.99 | 18,829 | -4 | 0 | 0 | 0 | -4 |
| 13 | 323.97 | 18,820 | -9 | 0 | 0 | 0 | -9 |
| 14 | 323.96 | 18,815 | -5 | 0 | 0 | 0 | -5 |
| 15 | 323.93 | 18,802 | -13 | 0 | 0 | 0 | -13 |
| 16 | 323.89 | 18,784 | -18 | 0 | 0 | 0 | -18 |
| 17 | 323.87 | 18,775 | -9 | 0 | 0 | 0 | -9 |
| 18 | 323.83 | 18,757 | -18 | 0 | 0 | 0 | -18 |
| 19 | 323.82 | 18,753 | -4 | 0 | 0 | 0 | -4 |
| 20 | 323.81 | 18,748 | -5 | 0 | 0 | 0 | -5 |
| 21 | 323.79 | 18,740 | -8 | 0 | 0 | 0 | -8 |
| 22 | 323.78 | 18,735 | -5 | 0 | 0 | 0 | -5 |
| 23 | 323.75 | 18,722 | -13 | 0 | 0 | 0 | -13 |
| 24 | 323.72 | 18,708 | -14 | 0 | 0 | 0 | -14 |
| 25 | 323.70 | 18,699 | -9 | 0 | 0 | 0 | -9 |
| 26 | 323.68 | 18,690 | -9 | 0 | 0 | 0 | -9 |
| 27 | 323.66 | 18,682 | -8 | 0 | 0 | 0 | -8 |
| 28 | 323.65 | 18,677 | -5 | 0 | 0 | 0 | -5 |
| 29 | 323.64 | 18,673 | -4 | 0 | 0 | 0 | -4 |
| 30 | 323.61 | 18,659 | -14 | 0 | 0 | 0 | -14 |
| 31 | 323.59 | 18,650 | -9 | 0 | 0 | 0 | -9 |
| Total | | | -340 | 0 | 0 | 0 | -340 |
| Mean cfs | | | --- | 0 | 0 | 0 | --- |
| Acre-feet | | | -340 | 0 | 0 | 0 | -340 |

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

August 2007

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

Capacity: 5,580 ac-ft

State of California

The Resources Agency

Department of Water Resources

State Water Project

| Date | Water Surface Elev. (in feet) | Storage (ac-ft) | Storage Change (ac-ft) | Estimated Inflow (cfs) | Estimated Outflow (cfs) | | Computed Losses (-) Gains (+) (ac-ft) |
|-----------|----------------------------------|--------------------|---------------------------|---------------------------|-------------------------|--------|---|
| | | | | | Spill | Outlet | |
| Jul 31 | 601.00 | 736 | | | | | |
| 1 | 601.00 | 736 | 0 | 0 | 0 | 0 | 0 |
| 2 | 601.00 | 736 | 0 | 0 | 0 | 0 | 0 |
| 3 | 601.00 | 736 | 0 | 0 | 0 | 0 | 0 |
| 4 | 601.00 | 736 | 0 | 0 | 0 | 0 | 0 |
| 5 | 601.00 | 736 | 0 | 0 | 0 | 0 | 0 |
| 6 | 600.80 | 725 | -11 | 0 | 0 | 0 | -11 |
| 7 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 8 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 9 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 10 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 11 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 12 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 13 | 600.80 | 725 | 0 | 0 | 0 | 0 | 0 |
| 14 | 600.75 | 723 | -2 | 0 | 0 | 0 | -2 |
| 15 | 600.75 | 723 | 0 | 0 | 0 | 0 | 0 |
| 16 | 600.70 | 720 | -3 | 0 | 0 | 0 | -3 |
| 17 | 600.60 | 715 | -5 | 0 | 0 | 0 | -5 |
| 18 | 600.60 | 715 | 0 | 0 | 0 | 0 | 0 |
| 19 | 600.60 | 715 | 0 | 0 | 0 | 0 | 0 |
| 20 | 600.60 | 715 | 0 | 0 | 0 | 0 | 0 |
| 21 | 600.60 | 715 | 0 | 0 | 0 | 0 | 0 |
| 22 | 600.60 | 715 | 0 | 0 | 0 | 0 | 0 |
| 23 | 600.60 | 715 | 0 | 0 | 0 | 0 | 0 |
| 24 | 600.55 | 712 | -3 | 0 | 0 | 0 | -3 |
| 25 | 600.55 | 712 | 0 | 0 | 0 | 0 | 0 |
| 26 | 600.55 | 712 | 0 | 0 | 0 | 0 | 0 |
| 27 | 600.45 | 707 | -5 | 0 | 0 | 0 | -5 |
| 28 | 600.45 | 707 | 0 | 0 | 0 | 0 | 0 |
| 29 | 600.45 | 707 | 0 | 0 | 0 | 0 | 0 |
| 30 | 600.45 | 707 | 0 | 0 | 0 | 0 | 0 |
| 31 | 600.40 | 704 | -3 | 0 | 0 | 0 | -3 |
| Total | | | -32 | 0 | 0 | 0 | -32 |
| Mean cfs | | | --- | 0 | 0 | 0 | --- |
| Acre-feet | | | -32 | 0 | 0 | 0 | -32 |

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | | |
|-----------|----------------------|--------------|---------------------------------|---|------------------|------------|----------|-----|-----------------|--|--|--|--|
| | Beginning and Ending | | Structure | | | USBR | Transfer | DWR | USBR Recreation | | | | |
| | No. | Structure | Mile | Recreation | | | | | | | | | |
| 2B | 12 | Check No. 12 | 66.71 | | 393,071 | | | | | | | | |
| 3A | San Luis Reservoir | | | Department of Parks and Recreation | 1 | 14,183 | | 1 | 0 | | | | |
| | | | | San Felipe Division Santa Clara Water District | 14,183 | | | | | | | | |
| | | | | Casa de Fruta Santa Clara Water District | 0 | | | | | | | | |
| | | | | San Felipe Division San Benito Water District | 3,195 | 3,195 | | 1 | 0 | | | | |
| | | | | Reach 3A Subtotal: | 17,379 | | | | | | | | |
| 3 | O'Neill Forebay | 70.85 | | Department of Parks and Recreation | 0 | | | 0 | 0 | | | | |
| | | | | Cattle Program | 0 | | | | | | | | |
| | | | | Department of Fish & Game | 116 | | | | | | | | |
| | | 70.91 | Thru | San Luis Water District | 982 | 982 | | 64 | 52 | | | | |
| | | | | (Floodwater Inflow) | 0 | | | | | | | | |
| | | | | Reach 3 Subtotal: | 1,098 | | | | | | | | |
| | | 86.73 | | | 387,316 | | | | | | | | |
| 4 | 14 | | 89.03 | San Luis Water District | 5,446 | 5,446 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | 94.06 | | | | | | | | | | |
| | | | 89.66 | Pacheco Water District | 2,158 | | 2,158 | | | | | | |
| | | | 89.67 | | | | | | | | | | |
| | | | 89.68 | Panoche Water District | 60 | | 60 | | | | | | |
| | | | 89.70 | City of Dos Palos | 197 | | | | | | | | |
| | | Check No. 14 | 95.06 | | | | | | | | | | |
| 4 | 15 | | 98.15 | San Luis Water District | 934 | 934 | | | | | | | |
| | | | | | | | | | | | | | |
| | | | 104.20 | | | | 5,171 | | | | | | |
| | | | 96.15 | Panoche Water District | 5,171 | | | | | | | | |
| | | | 102.64 | | | | | | | | | | |
| | | | (Floodwater Inflow) | | 0 | | 8,887 | | | | | | |
| | | | 102.64 | Broadview Water District | 0 | | | | | | | | |
| | | | 105.22 | Westlands Water District | 8,887 | | | | | | | | |
| | | | 108.64 | | | | | | | | | | |
| | | Check No.15 | 108.50 | | | | | | | | | | |
| | | | Reach 4 Subtotal: | 22,853 | 22,853 | 0 | 0 | 0 | 0 | | | | |
| | | | San Felipe Division Total: | 17,378 | 17,378 | 0 | 0 | 0 | 0 | | | | |
| | | | Pacheco Water District Total: | 2,158 | 2,158 | 0 | 0 | 0 | 0 | | | | |
| | | | Broadview Water District Total: | 0 | 0 | 0 | 0 | 0 | 0 | | | | |
| | | | City of Dos Palos Total: | 197 | 197 | 0 | 0 | 0 | 0 | | | | |
| | | | SLWD Reach 4 Subtotal: | 6,380 | 6,380 | 0 | 0 | 0 | 0 | | | | |
| | | | Panoche Water District Total: | 5,231 | 5,231 | 0 | 0 | 0 | 0 | | | | |
| | | | SLWD Total: | 7,362 | 7,362 | 0 | 0 | 0 | 0 | | | | |
| | | | Westlands WD Reach 4 Subtotal: | 8,887 | 8,887 | 0 | 0 | 0 | 0 | | | | |

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | |
|---------------------|----------------------|-------------|---|---|---|------------|----------|----------------|-----------------|---|--|
| | Beginning and Ending | | Mile | | | USBR | Transfer | DWR Recreation | USBR Recreation | | |
| | No. | Structure | | | | | | | | | |
| 5 | 16 | | 110.52 | (Reverse flow, Kings River) | 0 | 15,436 | 15,436 | 1 | 0 | | |
| | | | | Westlands Water District | 15,436 | | | | | | |
| | | | | Thru Dept. of Fish and Game @ Lat. 4L | 1 | | | | | | |
| | | | | 122.05 Dept. of Fish and Game @ Lat. 6L | 0 | | | | | | |
| | | | | Dept. of Fish and Game @ Lat. 7L | 0 | | | | | | |
| | 17 | | Check No. 16 122.07 | | | 6,783 | | 0 | 0 | | |
| | | | 124.18 | Westlands Water District | 6,783 | | | | | | |
| | | | 132.74 | | | | | | | | |
| | 18 | | Check No. 17 132.95 | | | 11,669 | | 1 | 0 | | |
| | | | 133.81 | Westlands Water District | 11,669 | | | | | | |
| | | | Thru 142.61 | | | | | | | | |
| | | | Pleasant Valley Pumping Plant 143.16 | Westlands Water District | 9,741 | | 9,741 | | | | |
| | | | 143.16 | City of Coalinga | 1,016 | | | | | | |
| 6 | 19 | | Check No. 18 143.23 | | | 44,646 | 44,645 | 0 | 0 | | |
| | | | | Reach 5 Subtotal: | 44,646 | | | | | | |
| | | | 145.26 | GWF Energy | 0 | | 2 | 1/ 439 | | | |
| | | | Thru 151.19 | City of Huron | 2 | | | | | | |
| | | | | Kings County to Lemoore NAS Through WWD | 439 | | | | | | |
| | | | | Kings County through WWD 30L | 0 | | 14,100 | | | | |
| | | | | Westlands Water District | 14,100 | | | | | | |
| | Check No. 19 155.64 | | | Reach 6 Subtotal: | 14,541 | 14,102 | 439 | 0 | 0 | | |
| 7 | | | | | | | | | | | |
| 20 | | 156.34 | City of Huron | 131 | 131 | 2 | 1/ 439 | | | | |
| | | 156.40 | SWP Construction @ Lat. 24R | 0 | | | | | | | |
| | | Thru | Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L | 0 | | | | | | | |
| | | 163.69 | Westlands Water District | 9,466 | | | | | | | |
| Check No. 20 164.69 | | | | | 9,466 | 256 | | | | | |
| | | 164.79 | City of Avenal | 256 | | | | | | | |
| 21 | | 167.04 | Westlands Water District | 3,296 | 3,296 | | | | | | |
| | | Thru 171.67 | | | | | | | | | |
| | | 172.40 | | 294,754 | | | | | | | |
| | | | | | Reach 7 Total: | 13,149 | 13,149 | 0 | 0 | 0 | |
| | | | | | SWP Construction Total: | 0 | | | | | |
| | | | | | Westlands WD Total: | 79,378 | | | | | |
| | | | | | City of Coalinga Total: | 1,016 | | | | | |
| | | | | | City of Huron Total: | 133 | | | | | |
| | | | | | Kings County to Lemoore NAS Through WWD | 439 | | | | | |
| | | | | | City of Avenal Total: | 256 | | | | | |
| | | | | | Total San Luis Field Division Deliveries: | 113,666 | | | | | |

1/ Long-term POD from County of Kings to Lemoore Naval Air Base.

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations

August 2007

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

| Date | Storage In Canal (ac-ft) | Storage Change (ac-ft) | Inflow (cfs) | | Outflow (cfs) | | | | Computed Losses (-) Gains (+) (cfs) |
|-----------|--------------------------|------------------------|--------------|--------------------------|--|--------------------------------------|--|--------------------|-------------------------------------|
| | | | Non-Project | Dos Amigos Pumping Plant | San Luis Water District Pools 14 & 15 2/ | Panoche Water District Pools 14 & 15 | Westlands Water District Pools 15 thru 21 3/ | Flow Past Check 21 | |
| Jul 31 | 29,107 | | | | | | | | |
| 1 | 28,859 | -248 | 0 | 7,544 | 272 | 99 | 1,441 | 5,538 | -319 |
| 2 | 28,838 | -21 | 0 | 8,120 | 196 | 88 | 1,453 | 6,023 | -371 |
| 3 | 29,601 | 763 | 0 | 8,069 | 196 | 88 | 1,453 | 5,543 | -404 |
| 4 | 29,009 | -592 | 0 | 7,018 | 196 | 88 | 1,453 | 5,426 | -153 |
| 5 | 29,267 | 258 | 0 | 7,552 | 196 | 88 | 1,453 | 5,974 | 289 |
| 6 | 29,385 | 118 | 0 | 6,580 | 196 | 88 | 1,453 | 4,703 | -80 |
| 7 | 29,921 | 536 | 0 | 7,281 | 196 | 88 | 1,453 | 5,377 | 104 |
| 8 | 29,206 | -715 | 0 | 6,343 | 201 | 93 | 1,453 | 4,840 | -116 |
| 9 | 29,152 | -54 | 0 | 6,971 | 146 | 89 | 1,460 | 5,212 | -91 |
| 10 | 28,788 | -364 | 0 | 6,851 | 146 | 89 | 1,460 | 5,193 | -146 |
| 11 | 29,356 | 568 | 0 | 7,474 | 146 | 89 | 1,460 | 5,433 | -59 |
| 12 | 28,838 | -518 | 0 | 6,101 | 146 | 89 | 1,460 | 5,045 | 378 |
| 13 | 29,171 | 333 | 0 | 6,362 | 146 | 89 | 1,460 | 4,709 | 210 |
| 14 | 29,666 | 495 | 0 | 6,603 | 146 | 89 | 1,460 | 4,740 | 81 |
| 15 | 29,552 | -114 | 0 | 6,371 | 149 | 90 | 1,460 | 4,798 | 69 |
| 16 | 28,970 | -582 | 0 | 6,304 | 122 | 101 | 1,359 | 4,949 | -67 |
| 17 | 28,963 | -7 | 0 | 6,144 | 122 | 101 | 1,359 | 4,579 | 14 |
| 18 | 29,225 | 262 | 0 | 6,119 | 122 | 101 | 1,359 | 4,521 | 116 |
| 19 | 28,952 | -273 | 0 | 5,902 | 122 | 101 | 1,359 | 4,928 | 471 |
| 20 | 28,990 | 38 | 0 | 6,084 | 122 | 101 | 1,359 | 4,780 | 297 |
| 21 | 29,613 | 623 | 0 | 5,746 | 122 | 101 | 1,359 | 3,987 | 137 |
| 22 | 28,639 | -974 | 0 | 5,317 | 128 | 101 | 1,359 | 4,385 | 165 |
| 23 | 29,011 | 372 | 0 | 6,066 | 104 | 68 | 1,146 | 4,526 | -35 |
| 24 | 28,814 | -197 | 0 | 6,239 | 104 | 68 | 1,146 | 4,864 | -156 |
| 25 | 28,902 | 88 | 0 | 5,626 | 104 | 68 | 1,146 | 4,209 | -54 |
| 26 | 29,709 | 807 | 0 | 5,841 | 104 | 68 | 1,146 | 4,390 | 274 |
| 27 | 28,760 | -949 | 0 | 4,130 | 104 | 68 | 1,146 | 3,629 | 338 |
| 28 | 29,107 | 347 | 0 | 5,150 | 104 | 68 | 1,146 | 3,931 | 274 |
| 29 | 28,433 | -674 | 0 | 5,094 | 104 | 68 | 1,146 | 4,377 | 261 |
| 30 | 29,585 | 1,152 | 0 | 5,342 | 71 | 55 | 791 | 3,861 | 17 |
| 31 | 29,378 | -207 | 0 | 4,924 | 71 | 55 | 791 | 4,132 | 21 |
| Total | | 271 | 0 | 195,268 | 4,404 | 2,637 | 40,949 | 148,603 | 1,465 |
| Mean cfs | | --- | 0 | 6,299 | 142 | 85 | 1,321 | 4,794 | 47 |
| Acre-feet | | 271 | 0 | 387,316 | 8,735 | 5,231 | 81,223 | 294,754 | 2,899 |

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 2,157 AF AG, 1 AF M&I to Pacheco W.D., 197 AF to the City of Dos Palos and 6,380 AF to San Luis Water District.

3/ Includes 131 AF to the City of Huron, 256 AF to the City of Avenal, 1016 AF to the City of Coalinga, 2 AF to City of Huron P&R @ 22R, 439 AF to Lemoore N.A.S. @ 29L, 0 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 0 AF to Broadview WD @ 3L, 1 AF to DFG @ 4L, 0 AF to Pililbos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF to DFG @ 7L, 0 AF to Non-Project Water and 79,378 AF to Westlands Water District.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

August 2007

| Date | Coastal Aqueduct | | | | | California Aqueduct | | | |
|-------|----------------------------|---------------------------|---------------------------|-------------------------|----------------------------|---------------------------|-----------------------|------------------------|-------------------------|
| | Las Perillas Pumping Plant | Badger Hill Pumping Plant | Devil's Den Pumping Plant | Bluestone Pumping Plant | Polonio Pass Pumping Plant | Buena Vista Pumping Plant | Teerink Pumping Plant | Chrisman Pumping Plant | Edmonston Pumping Plant |
| 23 | 1 | 740 | 740 | 119 | 109 | 121 | 8,053 | 7,758 | 7,237 |
| | 2 | 706 | 706 | 119 | 111 | 122 | 8,117 | 7,742 | 7,271 |
| | 3 | 675 | 675 | 86 | 79 | 89 | 8,008 | 7,782 | 7,240 |
| | 4 | 703 | 703 | 80 | 75 | 84 | 8,087 | 7,770 | 7,298 |
| | 5 | 859 | 859 | 168 | 162 | 167 | 8,219 | 8,363 | 8,062 |
| | 6 | 743 | 743 | 111 | 104 | 114 | 7,763 | 7,635 | 7,181 |
| | 7 | 678 | 678 | 102 | 96 | 106 | 8,145 | 7,631 | 7,255 |
| | 8 | 577 | 577 | 116 | 110 | 121 | 7,982 | 7,868 | 7,473 |
| | 9 | 586 | 586 | 112 | 105 | 116 | 8,348 | 8,034 | 7,609 |
| | 10 | 635 | 635 | 98 | 92 | 102 | 8,110 | 8,048 | 7,418 |
| | 11 | 675 | 675 | 105 | 98 | 108 | 8,240 | 8,035 | 7,589 |
| | 12 | 760 | 760 | 106 | 97 | 110 | 8,298 | 8,536 | 8,190 |
| | 13 | 668 | 668 | 102 | 95 | 106 | 7,540 | 7,704 | 7,258 |
| | 14 | 701 | 701 | 103 | 96 | 108 | 8,405 | 7,970 | 7,478 |
| | 15 | 680 | 680 | 91 | 85 | 96 | 8,296 | 7,899 | 7,467 |
| | 16 | 684 | 684 | 126 | 117 | 125 | 8,075 | 8,007 | 7,488 |
| | 17 | 645 | 645 | 105 | 99 | 111 | 8,180 | 7,959 | 7,424 |
| | 18 | 671 | 671 | 115 | 106 | 116 | 7,916 | 7,804 | 7,328 |
| | 19 | 702 | 702 | 107 | 101 | 112 | 8,669 | 8,797 | 8,318 |
| | 20 | 636 | 636 | 109 | 104 | 112 | 7,925 | 7,909 | 7,410 |
| | 21 | 364 | 364 | 72 | 66 | 74 | 6,927 | 6,815 | 6,316 |
| | 22 | 321 | 321 | 67 | 66 | 68 | 7,153 | 6,821 | 6,346 |
| | 23 | 705 | 705 | 100 | 93 | 101 | 7,054 | 6,717 | 6,238 |
| | 24 | 562 | 562 | 118 | 111 | 120 | 6,728 | 6,554 | 6,072 |
| | 25 | 644 | 644 | 124 | 114 | 125 | 6,629 | 6,506 | 6,077 |
| | 26 | 587 | 587 | 111 | 101 | 112 | 7,563 | 7,637 | 7,299 |
| | 27 | 453 | 453 | 105 | 98 | 107 | 6,423 | 6,673 | 6,245 |
| | 28 | 552 | 552 | 110 | 103 | 113 | 6,791 | 6,710 | 6,256 |
| | 29 | 505 | 505 | 97 | 89 | 99 | 6,030 | 5,811 | 5,426 |
| | 30 | 514 | 514 | 134 | 127 | 135 | 6,000 | 5,966 | 5,610 |
| | 31 | 387 | 387 | 101 | 93 | 104 | 6,708 | 6,332 | 5,905 |
| Total | | 19,318 | 19,318 | 3,319 | 3,102 | 3,404 | 236,382 | 231,793 | 217,784 |
| | | | | | | | | | 214,902 |

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | | | | |
|---|----------------------|--------------|--------|------------------------------|--|------------|------|--------|----------|---------------------|-------------|--|--|--|
| | Beginning and Ending | | | | | Table A | USBR | Pool A | Exchange | CVC Allocated Water | Recovery 3/ | | | |
| | No. | Structure | Mile | | | | | | | | | | | |
| 7 | 21 | Check No. 21 | 172.40 | | 294,754 | | | | | | | | | |
| 8C | 22 | | | Empire West Side ID tl - A | 305 | 305 | | | | | | | | |
| | | | | 172.66 | 147 | 144 | | | | | | | | |
| | | | | Tulare Lake Basin WSD TL - A | 5,303 | 5,303 | | | | | | | | |
| | | | | 175.18 | 619 | 619 | | | | | | | | |
| | | | | 177.54 | 482 | 482 | | | | | | | | |
| | | | | 180.64 | 0 | 1,130 | | | | | | | | |
| | | | | 180.65 | 1,130 | 1,130 | | | | | | | | |
| | | | | 182.99 | 3,258 | 1,282 | | | | | | | | |
| | | | | 183.00 | 5,857 | 5,839 | | | | | | | | |
| | | | | County of Kings TL-B | 21 | 18 | | | | | | | | |
| 8D | | | | 184.00 | Dudley Ridge WD - Paramount | 4 | | | | | | | | |
| | | | | 184.63 | County of Kings GV | 49 | | | | | | | | |
| 31A | | | | 184.78 | Coastal Branch | 19,318 | | | | | | | | |
| | | | | Dudley Ridge Reach 8D Total: | 2,543 | 2,543 | | | | | | | | |
| 8D | | | | Tulare Lake Basin WSD Total: | 8,036 | 6,060 | 0 | 0 | 1,976 | 0 | 0 | | | |
| | | | | Check No. 22 | 184.82 | 11,142 | 0 | 18 | 0 | 0 | 0 | | | |
| 9 | 23 | | | 189.69 | Kern County Water Agency Lost Hills Water Dist. - 1 | 6,680 | | | | | 1,997 | | | |
| | | | | 191.18 | Kern County Water Agency Lost Hills Water Dist. - 2 | 1,292 | | | | | 1,292 | | | |
| | | | | 194.22 | Kern County Water Agency Lost Hills Water Dist. - 3 | 382 | | | | | 382 | | | |
| | | | | 196.40 | Kern County Water Agency Berrenda Mesa - 2 | 1,117 | | | | | 1,117 | | | |
| | | | | 196.75 | Kern County Water Agency Lost Hills Water Dist. - 4 | 778 | | | | | 778 | | | |
| | | | | KCWA Reach 9 Subtotal: | 10,249 | 0 | 0 | 4,683 | 0 | 0 | 5,566 | | | |
| | | | | Check No. 23 | 197.05 | | | | | | | | | |
| 10A | 24 | | | 201.24 | Kern County Water Agency Lost Hills Water Dist. - 7 | 1,136 | | | | | 1,136 | | | |
| | | | | 202.05 | Kern County Water Agency Lost Hills Water Dist. - 5 | 1,565 | 197 | | | | 1,368 | | | |
| | | | | 204.69 | Kern County Water Agency Lost Hills Water Dist. - 6 | 0 | | | | | | | | |
| | | | | 205.26 | Kern County Water Agency Lost Hills Water Dist. - 8 | 10 | 10 | | | | | | | |
| | | | | Check No. 24 | 207.94 | | | | | | | | | |
| | | | | 209.71 | Kern County Water Agency Belridge Water Storage Dist. - 1A | 2,390 | | | | | | | | |
| | | | | 209.78 | Kern National Wildlife Refuge USBR BV-1B | 1,692 | | | | | | | | |
| | | | | | Kern County Water Agency Buena Vista WSD 1B | 0 | | | | | | | | |
| | | | | 209.80 | KCWA Semitropic WD ST3 | 200 | | | | | | | | |
| | | | | | KCWA Semitropic WD ST | 2,132 | | | | | 2,132 | | | |
| | | | | | KCWA Semitropic WSD Penstocks | 358 | | | | | 358 | | | |
| | | | | | USBR Total: | 1,692 | 200 | | | | 0 | | | |
| | | | | | KCWA Reach 10A Subtotal: | 7,791 | 407 | 0 | 0 | 0 | 0 | | | |
| 1/ SGVMWD Exchange of Table A Water | | | | | | | | | | | | | | |
| 2/ Water supplied by Rosedale Rio Bravo at O'Neill for BOR and then moved to Kern National Wildlife Refuge. | | | | | | | | | | | | | | |
| 3/ Recovery of same contractor's pump-in. | | | | | | | | | | | | | | |

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diver-sions | Deliveries | | | | | | | | |
|-----------|----------------------|--|--|---|-------------------|------------|--------|--------|----------|---------------------|-------------|--|--|--|
| | Beginning and Ending | | | | | Table A | USBR | Pool A | Exchange | CVC Allocated Water | Recovery 8/ | | | |
| | No. | Structure | Mile | | | | | | | | | | | |
| 11B | 25 | Kern County Water Agency Belridge - 2 | 210.75 | Kern County Water Agency Belridge - 2 | 0 | 858 | 858 | | | | 8,060 | | | |
| | | | 214.11 | Kern County Water Agency Belridge - 3 | 858 | | | | | | | | | |
| | | | 216.62 | Kern County Water Agency Belridge - 4 | 0 | | | | | | | | | |
| | | | 217.13 | Kern County Water Agency Belridge - 5 | 11,721 | | | | | | | | | |
| | | | | Kern County Water Agency Belridge - 5D | 195 | | | | | | | | | |
| | | Check No. 25 | 217.79 | | | | | | | | | | | |
| | | | | KCWA Reach 11B Subtotal: | 12,774 | 4,714 | 0 | 0 | 0 | 0 | 8,060 | | | |
| 12D | 26 | Kern County Water Agency Belridge - 6 | 219.58 | Kern County Water Agency Belridge - 6 | 0 | 443 | | | | | | | | |
| | | | | Kern County Water Agency West Kern - 3 | 443 | | | | | | | | | |
| | | Check No. 26 | 224.92 | | | | | | | | | | | |
| | | Kern National Wildlife RefugeUSBR | 230.37 | Kern National Wildlife RefugeUSBR | 358 | 276 | 2/ 358 | | | 3/ 1,098 | | | | |
| 12E | 27 | | | Kern County Water Agency Buena Vista - 6 | 1,374 | | | | | | | | | |
| | | | 235.75 | Kern County Water Agency Buena Vista - 2 | 2,294 | | | | | | | | | |
| | | | | Kern County WA CVC | 1,204 | | | | | | | | | |
| | | | | DRWD CVC | 0 | | | | | | | | | |
| | | | | Tulare Co. | 0 | | | | | | | | | |
| | | | 238.04 | Lower Tule River | 0 | | | | | | | | | |
| | | | | Fresno Co. | 0 | | | | | | | | | |
| | | | | Pixley ID | 0 | | | | | | | | | |
| | | | | Hacienda | | | | | | | | | | |
| | | | | DWR Wells | 0 | | | | | | | | | |
| 12F | 28 | Check No. 28 | 238.11 | | | 22 | | | | 4/ 2,272 | 5/ 1,204 | | | |
| | | 1/ Arvin Edison Total: | | 1/ Arvin Edison Total: | 0 | | | | | | | | | |
| | | | | Reach 12E Subtotal: | 4,872 | | | | | | | | | |
| | | Kern Water Bank Inflow | 238.19 | Kern Water Bank Inflow | 0 | | | | | 6/ 4,182 | 7/ 155 | | | |
| | | | | Kern Water Bank Outflow | 0 | | | | | | | | | |
| 13B | 29 | | 241.02 | Kern River Intertie (inflow) | 0 | | | | | | | | | |
| | | | 242.85 | KCWA Buena Vista WSD - 7 | 4,182 | 1,280 | | | | | | | | |
| | | | 243.09 | KCWA Buena Vista WSD - 5 | 155 | | | | | | | | | |
| | | | | Kern County Water Agency Buena Vista - 3 | 3,050 | | | | | | | | | |
| | Check No. 29 | 244.54 | | | | | | | | | | | | |
| | 30 | 249.85 | Kern County Water Agency Buena Vista - 4 | 1,399 | | | | | | | | | | |
| | | 250.99 | | 236,382 | | | | | | | | | | |
| 14A | 31 | | | KCWA Reach 13B Subtotal: | 8,786 | 1,280 | 0 | 0 | 0 | 7,506 | 0 | | | |
| | | Kern County Water Agency West Kern - 2 | 254.47 | Kern County Water Agency West Kern - 2 | 0 | | | | | | | | | |
| | | | 256.11 | Kern County Water Agency Wheeler Ridge-Maricopa - 2 | 274 | 274 | | | | | | | | |

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Water supplied by Rosedale Rio Bravo at O'Neill for BOR and then moved to Kern National Wildlife Refuge.

3/ Arvin Edison WSD deliveries include: 423 AF from Hills Valley, 350 AF from County of Fresno, 121 AF from Tri Valley, and 204 AF from the County of Tulare.

4/ Arvin Edison WSD deliveries include: 775 AF from Hills Valley, 713 AF from County of Fresno, and 784 AF from County of Tulare.

5/ Arvin Edison WSD deliveries include: 279 AF from Tri Valley and 925 AF from County of Tulare.

6/ Article 55 deliveries to KCWA include: 1,872 AF from Rag Gulch and 2,310 AF from Kern Tulare.

7/ Article 55 deliveries to KCWA from Kern Tulare.

8/ Recovery of same contractor's pump-in.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | Turnout | Total Diversions | Deliveries | | | | | | | | |
|-----------|-------------------------|--------------|--------------|--|------------|-------|--------|----------|---------------------|-------------|--|--|--|
| | Beginning and Ending | | | | Table A | USBR | Pool A | Exchange | CVC Allocated Water | Recovery 1/ | | | |
| | No. | Structure | Mile | | | | | | | | | | |
| 14A | 31 | Check No. 31 | 256.14 | | 686 | 686 | 686 | 686 | 686 | 686 | | | |
| | 32 | | 258.61 | Kern County Water Agency Wheeler Ridge-Maricopa - 3 | | | | | | | | | |
| | | | 260.44 | Kern County Water Agency Wheeler Ridge-Maricopa - 4 | 686 | 1,552 | 1,552 | 1,552 | 1,552 | 1,552 | | | |
| | | Check No. 32 | 261.72 | | | | | | | | | | |
| | | | | KCWA Reach 14A Subtotal: | 2,512 | 2,512 | 2,512 | 2,512 | 2,512 | 2,512 | | | |
| 14B | 33 | | 264.42 | Kern County Water Agency Wheeler Ridge-Maricopa - 5 | 4,276 | 276 | 276 | 276 | 276 | 4,000 | | | |
| | | | 266.91 | Kern County Water Agency Wheeler Ridge-Maricopa - 6 | | 875 | | | | | | | |
| | | | Check No. 33 | 267.36 | | | | | | | | | |
| | 34 | | 270.24 | Kern County Water Agency Wheeler Ridge-Maricopa - 7 | 3,174 | 174 | 174 | 174 | 174 | 3,000 | | | |
| | | | Check No. 34 | 271.27 | | | | | | | | | |
| | | | | Reach 14B Total: | 8,325 | 1,325 | 1,325 | 1,325 | 1,325 | 1,325 | | | |
| 14C | 35 | | 272.39 | Kern County Water Agency Wheeler Ridge-Maricopa - 8 | 1,953 | 1,953 | 1,953 | 1,953 | 1,953 | 1,953 | | | |
| | | | 276.09 | Kern County Water Agency Wheeler Ridge-Maricopa - 9 | | 735 | | | | | | | |
| | | | 277.30 | Kern County Water Agency Arvin-Edison WSD | 0 | | | | | | | | |
| | | | | Reach 14C Total: | 2,688 | 2,688 | 2,688 | 2,688 | 2,688 | 2,688 | | | |
| | Teerink Pumping Plant | | 278.13 | | 231,793 | | | | | | | | |
| 15A | 36 | | 279.02 | Kern County Water Agency Wheeler Ridge-Maricopa - 9A | 770 | 770 | 770 | 770 | 770 | 770 | | | |
| | | | 280.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 10 | | 4,837 | | | | | | | |
| | | | | Reach 15A Total: | 5,607 | 5,607 | 5,607 | 5,607 | 5,607 | 5,607 | | | |
| | Chrisman Pumping Plant | | 280.36 | | 217,784 | | | | | | | | |
| 16A | 37 | | 282.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 11 | 0 | 31 | 31 | 31 | 31 | 31 | | | |
| | | | Check No. 37 | 283.95 | | | | | | | | | |
| | | | | | | | | | | | | | |
| | 38 | | 285.01 | Kern County Water Agency Wheeler Ridge-Maricopa - 12 | 31 | 63 | 63 | 63 | 63 | 63 | | | |
| | | | 286.39 | Kern County Water Agency Wheeler Ridge-Maricopa - 13A | | 0 | | | | | | | |
| | | | 287.06 | Kern County Water Agency Wheeler Ridge-Maricopa - 13 | 221 | | | | | | | | |
| | Check No. 38 | | 287.09 | | | | | | | | | | |
| | 39 | | 287.62 | Kern County Water Agency Wheeler Ridge-Maricopa - 13B | 221 | 1,246 | 1,246 | 1,246 | 1,246 | 1,246 | | | |
| | | | Check No. 39 | 290.21 | | | | | | | | | |
| | 40 | | 291.26 | Kern County Water Agency Wheeler Ridge-Maricopa - 14 | 590 | 590 | 590 | 590 | 590 | 590 | | | |
| | | | 293.07 | Kern County Water Agency Wheeler Ridge-Maricopa - 15 | | 1,183 | 1,183 | 1,183 | 1,183 | 1,183 | | | |
| | | | | Kern County Water Agency Tehachapi Cummings CWD | | | | | | | | | |
| | | | | KCWA Reach 16A Subtotal: | 3,334 | 3,334 | 3,334 | 3,334 | 3,334 | 3,334 | | | |
| 17E | Edmonston Pumping Plant | | 293.45 | | 214,902 | | | | | | | | |

1/ Recovery of same contractor's pump-in.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | Turnout | Total Diversions | Deliveries | | | | | | |
|-----------|----------------------|----------------------------|---------|--|------------|--------|--------|----------|---------------------|----------|--|
| | Beginning and Ending | | | | Table A | USBR | Pool A | Exchange | CVC Allocated Water | Recovery | |
| | No. | Structure | Mile | | | | | | | | |
| 31A | C-1 | Coastal Branch Control | 0.02 | 19,318 | 1,227 | 11,873 | 0 | 0 | 0 | 1,800 | |
| | | Las Perillas Pumping Plant | 1.16 | 19,318 | | | | | | | |
| | C-2 | | 3.79 | Green Valley Water District | | | | | | | |
| | | Badger Hill Pumping Plant | 4.27 | 19,318 | | | | | | | |
| | C-3 | Coastal Check No. 3 | 7.21 | | | | | | | | |
| | C-4 | | 9.34 | Castaic Lake WA (Devil's Den WD #1) | | | | | | | |
| | | Coastal Check No. 4 | 9.34 | | | | | | | | |
| | C-5 | Coastal Check No. 5 | 12.20 | | | | | | | | |
| | C-6 | | 13.30 | Kern County Water Agency Berrenda Mesa - 3 | 1,227 | | | | | | |
| | | | 14.83 | Kern County Water Agency Berrenda Mesa - 1 | 13,673 | | | | | | |
| | | | | Kern County Water Agency Berrenda Mesa - PO | 0 | | | | | | |
| | | Devil's Den Pumping Plant | 14.86 | | 3,319 | | | | | | |
| | | | | KCWA Reach 31A Subtotal: | 14,900 | 13,100 | 0 | 0 | 0 | 1,800 | |
| | | | | KCWA Total: | 82,281 | 35,708 | 0 | 4,683 | 0 | 12,080 | |
| 33A | C-7 | Bluestone Pumping Plant | 19.05 | | 3,102 | 3,056 | 292 | 0 | 0 | 0 | |
| | C-8 | Polonio Pass Pumping Plant | 26.54 | | 3,404 | | | | | | |
| | C-9 | Tank Site 1 | 27.81 | (CCWA) Polonio Pass Treatment Plant | 0 | | | | | | |
| | C-10 | Shandon T.O. | 38.23 | Santa Barbara County (CCWA) | 3,056 | | | | | | |
| | | Tank Site 2 | 58.63 | Central Coast: | 0 | | | | | | |
| 34 | C-11 | Chorro Valley T.O. | 69.31 | San Luis Obispo County (CCWA) | 292 | 3,348 | 0 | 0 | 0 | 0 | |
| | | Energy Dissipater | 78.12 | | | | | | | | |
| | Lopez T.O. | | 85.86 | SLOCFC & WCD | 0 | | | | | | |
| 35 | C-12 | | | CCWA Total: | 3,348 | | | | | | |
| | | Guadalupe T.O. | 102.70 | SBCFC & WCD | 0 | | | | | | |
| | | Santa Maria T.O. | 107.43 | SBCFC & WCD | 0 | | | | | | |
| | | So. Cal. Water T.O. | 109.20 | SBCFC & WCD | 0 | | | | | | |
| 38 | | | | SBCFC & WCD Total: | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Tank Site 5 | 115.42 | | | | | | | | |

Table 24. Southern Field Division Plant Data

(in acre-feet)

August 2007

| Date | West Branch | | | | | | East Branch | | | | | | | | East Branch Extension | | | |
|-------|-------------------|------------------|---------|---------------------------------|--------------------|-------------|------------------|----------------------|---------------------------|---------------------------|--------------------------|---------|--------------|------------------------------------|-----------------------|---------------|---------------|---|
| | Oso Pumping Plant | Warne Powerplant | | | Castaic Powerplant | | Alamo Powerplant | | | Pearblossom Pumping Plant | Mojave Siphon Powerplant | | | Devil Canyon Powerplant Generation | Green Spot | Crafton Hills | Cherry Valley | |
| | | Generation | Leakage | Gorman Crk. Improvement Channel | Generation 1/ | Pumpback 1/ | Generation | Bypass Through Plant | Tehachapi Afterbay Bypass | | Generation | Leakage | Bypass Flume | | | | | |
| 28 | 1 | 3,437 | 2,735 | 0 | 744 | 4,425 | 0 | 2,749 | 0 | 992 | 3,104 | 3,118 | 0 | 0 | 3,268 | 25 | 24 | 0 |
| | 2 | 3,559 | 2,739 | 0 | 731 | 4,623 | 686 | 2,374 | 0 | 694 | 3,083 | 3,028 | 0 | 0 | 3,352 | 0 | 0 | 0 |
| | 3 | 3,438 | 2,737 | 0 | 731 | 4,835 | 0 | 2,881 | 0 | 757 | 3,151 | 3,159 | 0 | 0 | 3,391 | 50 | 40 | 0 |
| | 4 | 3,428 | 2,723 | 0 | 731 | 3,288 | 1,015 | 2,892 | 0 | 739 | 3,339 | 3,363 | 0 | 0 | 3,309 | 0 | 0 | 0 |
| | 5 | 3,837 | 2,725 | 0 | 731 | 386 | 979 | 2,825 | 0 | 620 | 2,992 | 3,176 | 0 | 0 | 3,183 | 30 | 27 | 0 |
| | 6 | 3,427 | 2,727 | 0 | 731 | 5,939 | 1,328 | 2,622 | 0 | 653 | 2,962 | 3,026 | 0 | 0 | 3,247 | 27 | 26 | 0 |
| | 7 | 3,559 | 2,724 | 0 | 744 | 3,943 | 2,035 | 2,776 | 0 | 736 | 3,242 | 3,346 | 0 | 0 | 3,435 | 28 | 26 | 0 |
| | 8 | 3,535 | 2,728 | 0 | 744 | 4,973 | 2,116 | 2,883 | 0 | 661 | 2,966 | 3,039 | 0 | 0 | 3,373 | 28 | 25 | 0 |
| | 9 | 3,506 | 2,728 | 0 | 744 | 5,685 | 1,854 | 2,927 | 0 | 562 | 3,243 | 3,228 | 0 | 0 | 3,386 | 28 | 25 | 0 |
| | 10 | 3,492 | 2,728 | 0 | 744 | 5,803 | 1,544 | 2,837 | 0 | 968 | 3,406 | 3,434 | 0 | 0 | 3,391 | 21 | 19 | 0 |
| | 11 | 3,485 | 2,723 | 0 | 744 | 3,406 | 1,182 | 2,695 | 0 | 847 | 3,488 | 3,417 | 0 | 0 | 3,356 | 33 | 25 | 0 |
| | 12 | 3,405 | 2,728 | 0 | 744 | 1,882 | 1,212 | 2,800 | 0 | 1,381 | 3,894 | 4,035 | 0 | 0 | 3,379 | 34 | 25 | 0 |
| | 13 | 4,761 | 2,720 | 0 | 744 | 5,202 | 1,236 | 1,671 | 0 | 664 | 1,845 | 1,790 | 0 | 0 | 3,468 | 52 | 40 | 0 |
| | 14 | 3,198 | 2,713 | 0 | 744 | 5,296 | 726 | 2,809 | 0 | 1,058 | 3,510 | 3,554 | 0 | 0 | 3,396 | 22 | 14 | 0 |
| | 15 | 3,338 | 2,719 | 0 | 744 | 4,656 | 977 | 2,738 | 0 | 649 | 3,385 | 3,754 | 0 | 0 | 3,256 | 36 | 0 | 0 |
| | 16 | 3,312 | 2,719 | 0 | 744 | 4,427 | 570 | 1,264 | 0 | 2,558 | 3,339 | 3,347 | 0 | 0 | 3,249 | 34 | 0 | 0 |
| | 17 | 3,340 | 2,323 | 0 | 744 | 5,308 | 967 | 0 | 0 | 3,537 | 3,593 | 3,494 | 0 | 0 | 3,241 | 34 | 22 | 0 |
| | 18 | 3,353 | 2,745 | 0 | 744 | 4,010 | 476 | 0 | 0 | 3,570 | 3,454 | 3,436 | 0 | 0 | 3,127 | 26 | 25 | 0 |
| | 19 | 3,628 | 2,741 | 0 | 744 | 2,018 | 1,173 | 1,173 | 0 | 2,612 | 3,713 | 3,625 | 0 | 0 | 2,808 | 26 | 24 | 0 |
| | 20 | 3,765 | 2,697 | 0 | 411 | 4,886 | 580 | 2,547 | 0 | 1,183 | 3,453 | 3,669 | 0 | 0 | 2,947 | 32 | 25 | 0 |
| | 21 | 2,993 | 2,534 | 0 | 397 | 3,932 | 1,565 | 2,031 | 0 | 1,075 | 2,802 | 2,907 | 0 | 0 | 2,697 | 27 | 25 | 0 |
| | 22 | 3,181 | 2,689 | 0 | 396 | 4,469 | 725 | 2,475 | 0 | 645 | 2,300 | 2,494 | 0 | 0 | 2,671 | 27 | 26 | 0 |
| | 23 | 3,005 | 2,688 | 0 | 397 | 4,536 | 0 | 2,510 | 0 | 505 | 2,913 | 2,825 | 0 | 0 | 2,482 | 21 | 19 | 0 |
| | 24 | 2,993 | 2,694 | 0 | 397 | 5,442 | 622 | 2,382 | 0 | 281 | 2,409 | 2,620 | 0 | 0 | 2,956 | 27 | 18 | 0 |
| | 25 | 3,074 | 2,703 | 0 | 397 | 797 | 837 | 2,189 | 0 | 694 | 2,603 | 2,628 | 0 | 0 | 2,597 | 33 | 25 | 0 |
| | 26 | 3,423 | 2,690 | 0 | 397 | 3,791 | 2,409 | 2,698 | 0 | 736 | 2,965 | 2,997 | 0 | 0 | 2,613 | 20 | 18 | 0 |
| | 27 | 2,982 | 2,684 | 0 | 209 | 4,707 | 2,815 | 2,314 | 0 | 521 | 2,469 | 2,682 | 0 | 0 | 2,746 | 21 | 18 | 0 |
| | 28 | 2,982 | 2,693 | 0 | 198 | 4,859 | 736 | 2,220 | 0 | 744 | 2,682 | 2,590 | 0 | 0 | 2,771 | 31 | 20 | 0 |
| | 29 | 2,215 | 2,615 | 0 | 198 | 4,870 | 948 | 2,102 | 0 | 744 | 2,265 | 2,253 | 0 | 0 | 2,606 | 37 | 24 | 0 |
| | 30 | 2,644 | 2,680 | 0 | 198 | 5,026 | 444 | 2,284 | 0 | 619 | 2,544 | 2,619 | 0 | 0 | 2,740 | 32 | 20 | 0 |
| | 31 | 2,619 | 2,680 | 0 | 198 | 5,038 | 1,816 | 2,238 | 0 | 612 | 2,678 | 3,031 | 0 | 0 | 2,617 | 32 | 14 | 0 |
| Total | 102,914 | 83,472 | 0 | 17,864 | 132,458 | 33,573 | 70,906 | 0 | 32,617 | 93,792 | 95,684 | 0 | 0 | 95,058 | 874 | 639 | 0 | |

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | | Outflow | | | | Computed Losses (-) And Gains (+) | |
|--------|-----------------------------------|---------|----------------|--------------------------------|-------------------|-------------------------------|-------------|----------------------------------|------------------------|---------------|---------------------|-----------------------------------|--------|
| | | | | Project | | | Natural | Project | | | Natural | | |
| | | | | Castaic Powerplant Pumpback 1/ | Warne Power-plant | Gorman Creek Improve. Channel | Stream Flow | Castaic Powerplant Generation 1/ | Recrea-tion Deliveries | To Piru Creek | United Water Agency | | |
| Jul 31 | 2571.13 | 161,183 | | | | | | | | | | | |
| 1 | 2570.25 | 160,088 | -1,095 | 0 | 2,735 | 744 | 8 | 4,425 | 0 | 8 | 0 | -149 | |
| 2 | 2569.74 | 159,456 | -632 | 686 | 2,739 | 731 | 8 | 4,623 | 0 | 6 | 0 | -167 | |
| 3 | 2568.42 | 157,827 | -1,629 | 0 | 2,737 | 731 | 8 | 4,835 | 0 | 6 | 0 | -264 | |
| 4 | 2569.36 | 158,986 | 1,159 | 1,015 | 2,723 | 731 | 8 | 3,288 | 0 | 6 | 0 | -24 | |
| 5 | 2572.62 | 163,048 | 4,062 | 979 | 2,725 | 731 | 8 | 386 | 0 | 6 | 0 | 11 | |
| 6 | 2571.43 | 161,558 | -1,490 | 1,328 | 2,727 | 731 | 9 | 5,939 | 0 | 6 | 0 | -340 | |
| 7 | 2572.66 | 163,099 | 1,541 | 2,035 | 2,724 | 744 | 9 | 3,943 | 0 | 6 | 0 | -22 | |
| 8 | 2573.11 | 163,665 | 566 | 2,116 | 2,728 | 744 | 10 | 4,973 | 0 | 6 | 0 | -53 | |
| 9 | 2572.79 | 163,262 | -403 | 1,854 | 2,728 | 744 | 10 | 5,685 | 0 | 6 | 0 | -48 | |
| 10 | 2572.04 | 162,321 | -941 | 1,544 | 2,728 | 744 | 9 | 5,803 | 0 | 6 | 0 | -157 | |
| 11 | 2572.99 | 163,514 | 1,193 | 1,182 | 2,723 | 744 | 9 | 3,406 | 0 | 6 | 0 | -53 | |
| 12 | 2575.16 | 166,260 | 2,746 | 1,212 | 2,728 | 744 | 9 | 1,882 | 1 | 6 | 0 | -58 | |
| 13 | 2575.58 | 166,789 | 529 | 1,236 | 2,720 | 744 | 9 | 5,202 | 0 | 6 | 0 | 1,028 | |
| 14 | 2573.43 | 164,068 | -2,721 | 726 | 2,713 | 744 | 9 | 5,296 | 0 | 6 | 0 | -1,611 | |
| 15 | 2573.16 | 163,728 | -340 | 977 | 2,719 | 744 | 9 | 4,656 | 0 | 6 | 0 | -127 | |
| 16 | 2572.60 | 163,023 | -705 | 570 | 2,719 | 744 | 9 | 4,427 | 0 | 6 | 0 | -314 | |
| 17 | 2571.36 | 161,470 | -1,553 | 967 | 2,323 | 744 | 10 | 5,308 | 0 | 6 | 0 | -283 | |
| 18 | 2571.23 | 161,308 | -162 | 476 | 2,745 | 744 | 10 | 4,010 | 0 | 6 | 0 | -121 | |
| 19 | 2573.32 | 163,929 | 2,621 | 1,173 | 2,741 | 744 | 10 | 2,018 | 0 | 6 | 0 | -23 | |
| 20 | 2572.14 | 162,446 | -1,483 | 580 | 2,697 | 411 | 10 | 4,886 | 0 | 6 | 0 | -289 | |
| 21 | 2572.43 | 162,810 | 364 | 1,565 | 2,534 | 397 | 9 | 3,932 | 0 | 6 | 0 | -203 | |
| 22 | 2571.78 | 161,995 | -815 | 725 | 2,689 | 396 | 9 | 4,469 | 0 | 6 | 0 | -159 | |
| 23 | 2570.37 | 160,237 | -1,758 | 0 | 2,688 | 397 | 9 | 4,536 | 0 | 6 | 0 | -310 | |
| 24 | 2568.71 | 158,184 | -2,053 | 622 | 2,694 | 397 | 9 | 5,442 | 0 | 5 | 0 | -328 | |
| 25 | 2571.37 | 161,483 | 3,299 | 837 | 2,703 | 397 | 9 | 797 | 0 | 5 | 0 | 155 | |
| 26 | 2572.64 | 163,074 | 1,591 | 2,409 | 2,690 | 397 | 9 | 3,791 | 0 | 5 | 0 | -118 | |
| 27 | 2573.37 | 163,993 | 919 | 2,815 | 2,684 | 209 | 9 | 4,707 | 0 | 5 | 0 | -86 | |
| 28 | 2572.25 | 162,584 | -1,409 | 736 | 2,693 | 198 | 9 | 4,859 | 0 | 5 | 0 | -181 | |
| 29 | 2571.27 | 161,358 | -1,226 | 948 | 2,615 | 198 | 9 | 4,870 | 0 | 5 | 0 | -121 | |
| 30 | 2569.74 | 159,456 | -1,902 | 444 | 2,680 | 198 | 9 | 5,026 | 0 | 5 | 0 | -202 | |
| 31 | 2569.42 | 159,060 | -396 | 1,816 | 2,680 | 198 | 9 | 5,038 | 0 | 5 | 0 | -56 | |
| Total | | | | -2,123 | 33,573 | 83,472 | 17,864 | 280 | 132,458 | 1 | 180 | 0 | -4,673 |

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | Outflow | | | Computed Losses (-) And Gains (+) | |
|--------|-----------------------------------|---------|----------------|----------------------------------|---------|--------------------------------|-----------------|------------|-----------------------------------|--|
| | | | | Castaic Powerplant Generation 1/ | Natural | Castaic Powerplant Pumpback 1/ | To Castaic Lake | | | |
| | | | | | | | Natural | Project 1/ | | |
| Jul 31 | 1526.74 | 26,193 | | | | | | | | |
| 1 | 1524.24 | 25,079 | -1,114 | 4,425 | 0 | 0 | 0 | 5,540 | 1 | |
| 2 | 1521.62 | 23,936 | -1,143 | 4,623 | 0 | 686 | 0 | 5,080 | 0 | |
| 3 | 1521.34 | 23,815 | -121 | 4,835 | 0 | 0 | 0 | 4,955 | -1 | |
| 4 | 1519.18 | 22,892 | -923 | 3,288 | 0 | 1,015 | 0 | 3,196 | 0 | |
| 5 | 1517.82 | 22,321 | -571 | 386 | 0 | 979 | 0 | 0 | 22 | |
| 6 | 1523.67 | 24,829 | 2,508 | 5,939 | 0 | 1,328 | 0 | 2,103 | 0 | |
| 7 | 1517.24 | 22,079 | -2,750 | 3,943 | 0 | 2,035 | 0 | 4,656 | -2 | |
| 8 | 1514.72 | 21,047 | -1,032 | 4,973 | 0 | 2,116 | 0 | 3,890 | 1 | |
| 9 | 1514.81 | 21,083 | 36 | 5,685 | 0 | 1,854 | 0 | 3,794 | -1 | |
| 10 | 1515.97 | 21,556 | 473 | 5,803 | 0 | 1,544 | 0 | 3,788 | 2 | |
| 11 | 1509.21 | 18,882 | -2,674 | 3,406 | 0 | 1,182 | 0 | 4,896 | -2 | |
| 12 | 1510.72 | 19,462 | 580 | 1,882 | 0 | 1,212 | 0 | 0 | -90 | |
| 13 | 1514.84 | 21,095 | 1,633 | 5,202 | 0 | 1,236 | 0 | 2,333 | 0 | |
| 14 | 1516.49 | 21,769 | 674 | 5,296 | 0 | 726 | 0 | 3,896 | 0 | |
| 15 | 1515.41 | 21,327 | -442 | 4,656 | 0 | 977 | 0 | 4,122 | 1 | |
| 16 | 1514.88 | 21,112 | -215 | 4,427 | 0 | 570 | 0 | 4,072 | 0 | |
| 17 | 1515.77 | 21,474 | 362 | 5,308 | 0 | 967 | 0 | 3,979 | 0 | |
| 18 | 1512.26 | 20,064 | -1,410 | 4,010 | 0 | 476 | 0 | 4,944 | 0 | |
| 19 | 1514.10 | 20,797 | 733 | 2,018 | 0 | 1,173 | 0 | 0 | -112 | |
| 20 | 1519.20 | 22,901 | 2,104 | 4,886 | 0 | 580 | 0 | 2,200 | -2 | |
| 21 | 1514.28 | 20,869 | -2,032 | 3,932 | 0 | 1,565 | 0 | 4,400 | 1 | |
| 22 | 1514.02 | 20,765 | -104 | 4,469 | 0 | 725 | 0 | 3,850 | 2 | |
| 23 | 1515.18 | 21,234 | 469 | 4,536 | 0 | 0 | 0 | 4,065 | -2 | |
| 24 | 1517.03 | 21,992 | 758 | 5,442 | 0 | 622 | 0 | 4,061 | -1 | |
| 25 | 1512.49 | 20,155 | -1,837 | 797 | 0 | 837 | 0 | 1,797 | 0 | |
| 26 | 1516.00 | 21,568 | 1,413 | 3,791 | 0 | 2,409 | 0 | 0 | 31 | |
| 27 | 1516.09 | 21,605 | 37 | 4,707 | 0 | 2,815 | 0 | 1,855 | 0 | |
| 28 | 1516.10 | 21,609 | 4 | 4,859 | 0 | 736 | 0 | 4,119 | 0 | |
| 29 | 1516.29 | 21,687 | 78 | 4,870 | 0 | 948 | 0 | 3,843 | -1 | |
| 30 | 1517.47 | 22,175 | 488 | 5,026 | 0 | 444 | 0 | 4,093 | -1 | |
| 31 | 1517.54 | 22,204 | 29 | 5,038 | 0 | 1,816 | 0 | 3,193 | 0 | |
| Total | | | | -3,989 | 132,458 | 0 | 33,573 | 0 | 102,720 | |
| | | | | | | | | | -154 | |

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | Computed Losses (-) And Gains (+) | |
|--------------|--------------------------------------|---------------|----------------|----------------------------|----------------|----------|---------------|----------------------------|--------------------------------------|--|
| | | | | From Elderberry Forebay 1/ | | Natural | Deliveries | Released To Castaic Lagoon | | |
| | | | | Natural | Project | | | | | |
| Jul 31 | 1487.05 | 264,724 | | | | | | | | |
| 1 | 1488.33 | 267,278 | 2,554 | 0 | 5,540 | 0 | 2,826 | 0 | -160 | |
| 2 | 1489.49 | 269,605 | 2,327 | 0 | 5,080 | 0 | 2,819 | 0 | 66 | |
| 3 | 1490.61 | 271,858 | 2,253 | 0 | 4,955 | 0 | 2,627 | 0 | -75 | |
| 4 | 1491.06 | 272,766 | 908 | 0 | 3,196 | 0 | 2,570 | 0 | 282 | |
| 5 | 1489.74 | 270,108 | -2,658 | 0 | 0 | 0 | 2,749 | 0 | 91 | |
| 6 | 1489.53 | 269,686 | -422 | 0 | 2,103 | 0 | 2,477 | 0 | -48 | |
| 7 | 1490.53 | 271,696 | 2,010 | 0 | 4,656 | 0 | 2,583 | 0 | -63 | |
| 8 | 1491.13 | 272,908 | 1,212 | 0 | 3,890 | 0 | 2,656 | 0 | -22 | |
| 9 | 1491.69 | 274,041 | 1,133 | 0 | 3,794 | 0 | 2,614 | 0 | -47 | |
| 10 | 1492.25 | 275,177 | 1,136 | 0 | 3,788 | 0 | 2,696 | 0 | 44 | |
| 11 | 1493.38 | 277,478 | 2,301 | 0 | 4,896 | 0 | 2,629 | 0 | 34 | |
| 12 | 1492.22 | 275,116 | -2,362 | 0 | 0 | 0 | 2,280 | 0 | -82 | |
| 13 | 1492.30 | 275,279 | 163 | 0 | 2,333 | 0 | 2,333 | 0 | 163 | |
| 14 | 1493.17 | 277,050 | 1,771 | 0 | 3,896 | 0 | 2,280 | 0 | 155 | |
| 15 | 1494.13 | 279,012 | 1,962 | 0 | 4,122 | 0 | 2,116 | 0 | -44 | |
| 16 | 1495.05 | 280,899 | 1,887 | 0 | 4,072 | 0 | 2,116 | 0 | -69 | |
| 17 | 1496.05 | 282,960 | 2,061 | 0 | 3,979 | 0 | 2,050 | 0 | 132 | |
| 18 | 1497.50 | 285,964 | 3,004 | 0 | 4,944 | 0 | 2,115 | 0 | 175 | |
| 19 | 1496.50 | 283,890 | -2,074 | 0 | 0 | 0 | 2,034 | 0 | -40 | |
| 20 | 1496.73 | 284,366 | 476 | 0 | 2,200 | 0 | 1,980 | 0 | 256 | |
| 21 | 1497.81 | 286,608 | 2,242 | 0 | 4,400 | 0 | 2,037 | 0 | -121 | |
| 22 | 1498.69 | 288,443 | 1,835 | 0 | 3,850 | 0 | 2,184 | 0 | 169 | |
| 23 | 1499.61 | 290,368 | 1,925 | 0 | 4,065 | 0 | 2,201 | 0 | 61 | |
| 24 | 1500.61 | 292,469 | 2,101 | 0 | 4,061 | 0 | 2,121 | 0 | 161 | |
| 25 | 1500.42 | 292,069 | -400 | 0 | 1,797 | 0 | 2,183 | 0 | -14 | |
| 26 | 1499.42 | 289,970 | -2,099 | 0 | 0 | 0 | 2,152 | 0 | 53 | |
| 27 | 1499.25 | 289,614 | -356 | 0 | 1,855 | 0 | 2,090 | 0 | -121 | |
| 28 | 1500.25 | 291,712 | 2,098 | 0 | 4,119 | 0 | 2,163 | 0 | 142 | |
| 29 | 1501.05 | 293,396 | 1,684 | 0 | 3,843 | 0 | 2,307 | 0 | 148 | |
| 30 | 1501.93 | 295,256 | 1,860 | 0 | 4,093 | 0 | 2,306 | 0 | 73 | |
| 31 | 1502.37 | 296,189 | 933 | 0 | 3,193 | 0 | 2,206 | 0 | -54 | |
| Total | | 31,465 | | 0 | 102,720 | 0 | 72,500 | 0 | 1,245 | |

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | |
|-----------|----------------------|-----------------------|-----------|--|------------------|------------|---------|----------|----------|--------------------|--|
| | Beginning and Ending | | Structure | | | Table A | Rec. | Transfer | Recovery | General Conveyance | |
| | No. | Structure | Mile | | | | | | | | |
| 29A | 42 | Oso Pumping Plant | 1.49 | | 102,914 | | | | | | |
| 29F | W2 | Quail Lake | 5.02 | Antelope Valley-East Kern Water Agency | Re-moved | | 1 | | | | |
| | | Quail Lake Embankment | 7.82 | Antelope Valley-East Kern Water Agency | Stub | | | | | | |
| 29G | | Warne Power Plant | 14.07 | (Does not Include 17,864 AF of flow through Gorman Creek Imp. Channel) | 83,472 | | | | | | |
| 29H | W3 | Pyramid Lake | | USFS | | | 1 | | | | |
| | | | | Pyramid Recreation (T300) | 1 | | | | | | |
| | | Pyramid Dam | 17.10 | United WA (T300) | 0 | | | | | | |
| 29J | W4 | Castaic Power Plant | 25.82 | California State Park Piru Fish (T300) | 0 | | 132,458 | | | | |
| | | Elderberry Forebay | | | | | | | | | |
| | | Forebay Dam | 28.12 | | | | | | | | |
| 30 1/ | W5 | Castaic Lake | | California State Park | | | 22 | | | 2,000 | |
| | | Castaic Dam | 31.47 | Castaic Lake Recreation (T301) | 22 | | | | | | |
| | | Castaic Lake Outlet | 31.55 | MWDSC 78" & 132" (T302) | 66,735 | | 66,735 | | | 2,000 | |
| | | | | Castaic Lake WA 18", 24" & 54" (T303) | 2,765 | | | | | | |
| | | | | Castaic Lake WA Rio Vista T.P. (T304) | 2,854 | | | | | | |
| | | | | MWD-Ventura Co. WPD (T302) | 124 | | | | | | |
| | | | | | | | | | | | |
| | | | | Releases to Lagoon | 0 | | | | | | |
| | | | | Reach 30 Subtotal: | 72,500 | | 70,478 | 22 | 0 | 0 | |
| | W6 | Castaic Lagoon | | California State Park Recreation to Lagoon (T353) | 0 | | | | | | |
| | | Castaic Lagoon Outlet | 31.87 | | 105 | | | | | | |

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow | | | Outflow | | | | | Computed Losses (-) And Gains (+) | Las Flores Ranch Exchange 1/ | |
|--------|-----------------------------------|---------|----------------|---------------------------|---------------------|---------------------|--------------------|------|-----------------------|-------------------------|---|-----------------------------------|------------------------------|---|
| | | | | | | | Project | | Del. To Mojave W.A. | Natural To Mojave River | | | | |
| Jul 31 | 3352.47 | 72,523 | | Mojave Siphon Power-plant | Mojave Bypass Flume | Natural Stream Flow | Delivered to CLAWA | Rec. | San Bernardino Tunnel | | | | | |
| 1 | 3352.30 | 72,360 | -163 | 3,118 | 0 | 0 | 12 | 0 | 3,268 | 0 | 1 | 0 | 0 | |
| 2 | 3351.96 | 72,035 | -325 | 3,028 | 0 | 0 | 12 | 1 | 3,352 | 0 | 0 | 12 | 0 | |
| 3 | 3351.85 | 71,930 | -105 | 3,159 | 0 | 0 | 9 | 0 | 3,391 | 0 | 0 | 136 | 0 | |
| 4 | 3351.63 | 71,720 | -210 | 3,363 | 0 | 0 | 11 | 1 | 3,309 | 0 | 1 | -251 | 0 | |
| 5 | 3351.63 | 71,720 | 0 | 3,176 | 0 | 0 | 12 | 1 | 3,183 | 0 | 0 | 20 | 0 | |
| 6 | 3351.40 | 71,501 | -219 | 3,026 | 0 | 0 | 11 | 0 | 3,247 | 0 | 0 | 13 | 0 | |
| 7 | 3351.34 | 71,444 | -57 | 3,346 | 0 | 0 | 11 | 1 | 3,435 | 0 | 1 | 45 | 0 | |
| 8 | 3350.84 | 70,970 | -474 | 3,039 | 0 | 0 | 12 | 0 | 3,373 | 0 | 0 | -128 | 0 | |
| 9 | 3350.84 | 70,970 | 0 | 3,228 | 0 | 0 | 11 | 1 | 3,386 | 0 | 0 | 170 | 0 | |
| 10 | 3350.67 | 70,809 | -161 | 3,434 | 0 | 0 | 12 | 1 | 3,391 | 0 | 0 | -191 | 0 | |
| 11 | 3350.70 | 70,837 | 28 | 3,417 | 0 | 0 | 12 | 0 | 3,356 | 0 | 0 | -21 | 0 | |
| 12 | 3351.40 | 71,501 | 664 | 4,035 | 0 | 0 | 10 | 1 | 3,379 | 0 | 0 | 19 | 0 | |
| 13 | 3349.72 | 69,913 | -1,588 | 1,790 | 0 | 0 | 12 | 0 | 3,468 | 0 | 1 | 103 | 0 | |
| 14 | 3349.74 | 69,932 | 19 | 3,554 | 0 | 0 | 10 | 1 | 3,396 | 0 | 0 | -128 | 0 | |
| 15 | 3350.19 | 70,355 | 423 | 3,754 | 0 | 0 | 10 | 0 | 3,256 | 0 | 0 | -65 | 0 | |
| 16 | 3350.25 | 70,412 | 57 | 3,347 | 0 | 0 | 8 | 1 | 3,249 | 0 | 1 | -31 | 0 | |
| 17 | 3350.56 | 70,705 | 293 | 3,494 | 0 | 0 | 11 | 0 | 3,241 | 0 | 0 | 51 | 0 | |
| 18 | 3350.84 | 70,970 | 265 | 3,436 | 0 | 0 | 12 | 1 | 3,127 | 0 | 0 | -31 | 0 | |
| 19 | 3351.63 | 71,720 | 750 | 3,625 | 0 | 0 | 11 | 0 | 2,808 | 0 | 0 | -56 | 0 | |
| 20 | 3352.38 | 72,436 | 716 | 3,669 | 0 | 0 | 10 | 1 | 2,947 | 0 | 0 | 5 | 0 | |
| 21 | 3352.52 | 72,571 | 135 | 2,907 | 0 | 0 | 10 | 0 | 2,697 | 0 | 0 | -65 | 0 | |
| 22 | 3352.47 | 72,523 | -48 | 2,494 | 0 | 0 | 11 | 1 | 2,671 | 0 | 1 | 142 | 0 | |
| 23 | 3352.72 | 72,762 | 239 | 2,825 | 0 | 0 | 11 | 0 | 2,482 | 0 | 0 | -93 | 0 | |
| 24 | 3352.24 | 72,302 | -460 | 2,620 | 0 | 0 | 12 | 1 | 2,956 | 0 | 0 | -111 | 0 | |
| 25 | 3352.30 | 72,360 | 58 | 2,628 | 0 | 0 | 12 | 0 | 2,597 | 0 | 1 | 40 | 0 | |
| 26 | 3352.72 | 72,762 | 402 | 2,997 | 0 | 0 | 12 | 1 | 2,613 | 0 | 0 | 31 | 0 | |
| 27 | 3352.55 | 72,599 | -163 | 2,682 | 0 | 0 | 11 | 0 | 2,746 | 0 | 0 | -88 | 0 | |
| 28 | 3352.41 | 72,465 | -134 | 2,590 | 0 | 0 | 12 | 1 | 2,771 | 0 | 0 | 60 | 0 | |
| 29 | 3352.07 | 72,140 | -325 | 2,253 | 0 | 0 | 11 | 0 | 2,606 | 0 | 0 | 39 | 0 | |
| 30 | 3351.71 | 71,796 | -344 | 2,619 | 0 | 0 | 11 | 1 | 2,740 | 0 | 0 | -211 | 0 | |
| 31 | 3352.33 | 72,389 | 593 | 3,031 | 0 | 0 | 10 | 0 | 2,617 | 0 | 1 | 190 | 0 | |
| Total | | | | -134 | 95,684 | 0 | 0 | 343 | 16 | 95,058 | 0 | 8 | -393 | 0 |

1/ Project water delivered from Mojave Siphon in exchange for like amount of Natural Streamflow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

August 2007

| Date | Water Surface Elevation (in feet) | Storage | Storage Change | Inflow 1/ | Outflow 2/ | Computed Losses (-) Gains (+) 1/ |
|--------|-----------------------------------|---------|----------------|-----------|------------|--|
| Jul 31 | 1559.45 | 67,928 | | | | |
| 1 | 1559.40 | 67,838 | -90 | | 65 | |
| 2 | 1559.37 | 67,784 | -54 | | 65 | |
| 3 | 1559.26 | 67,586 | -198 | | 65 | |
| 4 | 1559.37 | 67,778 | 192 | | 66 | |
| 5 | 1559.20 | 67,478 | -300 | | 65 | |
| 6 | 1559.15 | 67,388 | -90 | | 65 | |
| 7 | 1559.12 | 67,334 | -54 | | 66 | |
| 8 | 1559.12 | 67,334 | 0 | | 65 | |
| 9 | 1559.06 | 67,227 | -107 | | 65 | |
| 10 | 1559.04 | 67,191 | -36 | | 66 | |
| 11 | 1559.01 | 67,137 | -54 | | 65 | |
| 12 | 1558.98 | 67,083 | -54 | | 65 | |
| 13 | 1558.90 | 66,935 | -148 | | 65 | |
| 14 | 1558.98 | 67,083 | 148 | | 65 | |
| 15 | 1558.90 | 66,940 | -143 | | 57 | |
| 16 | 1558.92 | 66,976 | 36 | | 65 | |
| 17 | 1558.76 | 66,689 | -287 | | 65 | |
| 18 | 1558.68 | 66,546 | -143 | | 65 | |
| 19 | 1558.68 | 66,546 | 0 | | 65 | |
| 20 | 1558.63 | 66,457 | -89 | | 66 | |
| 21 | 1558.60 | 66,404 | -53 | | 65 | |
| 22 | 1558.54 | 66,297 | -107 | | 65 | |
| 23 | 1558.49 | 66,207 | -90 | | 65 | |
| 24 | 1558.41 | 66,065 | -142 | | 65 | |
| 25 | 1558.41 | 66,065 | 0 | | 65 | |
| 26 | 1558.46 | 66,154 | 89 | | 65 | |
| 27 | 1558.38 | 66,012 | -142 | | 65 | |
| 28 | 1558.46 | 66,154 | 142 | | 8 | |
| 29 | 1558.46 | 66,154 | 0 | | 6 | |
| 30 | 1558.38 | 66,012 | -142 | | 5 | |
| 31 | 1558.38 | 66,012 | 0 | | 5 | |
| Total | | | -1,916 | 1,553 | 1,774 | -1,695 |

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | | Turnout | Total Diversions | Deliveries | | | | | |
|-----------|----------------------|-------------------------|-----------|--|------------------|------------|------|----------|----------|--------------------|--|
| | Beginning and Ending | | Structure | | | Table A | Rec. | Transfer | Recovery | General Conveyance | |
| | No. | Structure | Mile | | | | | | | | |
| 17E | 40 | Edmonston Pumping Plant | 293.45 | | 214,902 | | | | | | |
| | 41 | | 298.65 | KCWA Tej.-Cas | Stub | | | | | | |
| 17F | | Check No. 41 | 303.41 | | | | | | | | |
| 18A | 42 | | 304.99 | AVEK WA-Temp for TEA construction (T389) | 0 | | | | | | |
| | | Check No. 42 | 304.99 | | | | | | | | |
| 18A | 43 | Alamo Powerplant | 305.73 | (Includes 70,906 AF generation, 0 AF plant bypass, and 32,617 AF Tehachapi bypass) | 103,523 | | | | | | |
| | | | 306.71 | AVEK 305th Street West (T287) | 757 | | | | | | |
| 19 | | | 308.05 | AVEK 294th Street West (T267) | 0 | | | | | | |
| | | Check No. 43 | 309.70 | | | | | | | | |
| | 44 | | 311.84 | LADWP Connection | 0 | | | | | | |
| | | | 313.50 | AVEK 245th Street West (T269) | 0 | | | | | | |
| | 45 | Check No. 44 | 314.81 | | | | | | | | |
| | | | 314.93 | AVEK 235th Street West (T270) | 0 | | | | | | |
| | 45 | Check No. 45 | 315.57 | AVEK 225th Street West (T271) | 0 | | | | | | |
| | | | 319.74 | | | | | | | | |
| | 46 | | 323.19 | Antelope Valley-East Kern WA Fairmont (T272) | 2,760 | | | | | | |
| | | | | Mojave Water Agency Fairmont (T272) | 140 | | | | | | |
| | | Check No. 46 | 323.84 | | | | | | | | |
| | | | | Reach 19 Total: | 3,657 | 3,657 | 0 | 0 | 0 | 0 | |
| 20A | 47 | Check No. 47 | 326.77 | | | | | | | | |
| | 48 | | 326.91 | Antelope Valley-East Kern WA Willow Springs (T273) | 184 | | | | | | |
| | | | 329.65 | Antelope Valley-East Kern WA 120th Street West | Removed | | | | | | |
| | | Check No. 48 | 330.82 | | | | | | | | |
| | 49 | Check No. 49 | 335.93 | | | | | | | | |
| 20B | 50 | | 336.73 | Antelope Valley-East Kern WA Quartz Hill (T274) | 5,796 | | | | | | |
| | | | 339.68 | Antelope Valley-East Kern WA Rancho Vista (T275) | 94 | | | | | | |
| | 50 | | 340.92 | AVEK WA-Temp (T387) | 0 | | | | | | |
| | | Check No. 50 | 341.51 | | | | | | | | |
| | 51 | | 342.06 | AVEK WA-Temp (T386) | 7 | 7 | | | | | |
| 21 | | Check No. 51 | 342.07 | | | | | | | | |
| | 52 | | 342.95 | Antelope Valley-East Kern WA 30th Street West (T414) | 0 | | | | | | |
| | | | 343.74 | | | | | | | | |
| | 53 | | 346.98 | Palmdale WD (T276) Temp. | 2,756 | | | | | | |
| | | | 348.14 | Antelope Valley-East Kern WA Acton Treatment Plant (T277) | 117 | | | | | | |
| 21 | | Check No. 53 | 348.17 | | | | | | | | |
| | | | 349.52 | Palmdale WD (T394) Temp. | 0 | | | | | | |
| | 54 | Check No. 54 | 350.25 | | | | | | | | |
| | 55 | Check No. 55 | 352.70 | | | | | | | | |
| | 56 | Check No. 56 | 354.76 | | | | | | | | |
| 22A | 57 | | 354.97 | AVEK WA-Delivered through Littlerock Creek ID (T278) | 0 | | | | | | |
| | | | 354.97 | Palmdale WD (T276) | 0 | | | | | | |
| | 57 | | 354.97 | Palmdale WD (T391) | 0 | | | | | | |
| | | Check No. 57 | 356.93 | | | | | | | | |
| | 58 | | 357.60 | AVEK 95th Street East (T279) | 202 | | | | | | |
| | | | 357.72 | AVEK 96th Street East (T280) | 311 | | | | | | |
| | | | 359.76 | AVEK East Side Treatment Plant (T281) | 744 | | | | | | |

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

August 2007

| Reach No. | Operating Pool | | Turnout | Total Diversions | Deliveries | | | | | |
|-----------|----------------------|--|---------|--|------------|---------|----------|----------|--------------------|---|
| | Beginning and Ending | | | | Table A | Rec. | Transfer | Recovery | General Conveyance | |
| | No. | Structure | Mile | | | | | | | |
| 22B | 58 | Pearblossom Pumping Plant | 360.61 | | 93,792 | 135 | 294 | 1/ 0 | 3/ 3,250 | |
| | 59 | Check No. 59 | 366.09 | | | | | | | |
| | 60 | | 366.50 | AVEK Big Rock Siphon (T368) | 135 | | | | | |
| | | Check No. 60 | 373.94 | | | | | | | |
| | 61 | Check No. 61 | 379.00 | | | | | | | |
| | 62 | Check No. 62 | 384.26 | | | | | | | |
| | 63 | | 389.20 | Mojave Water Agency White Road 24" & 42" (T282) | 294 | | | | | |
| | 64 | Check No. 64 | 395.10 | | | | | | | |
| | 65 | Check No. 65 | 400.32 | | | | | | | |
| | 66 | | 401.10 | Mojave Water Agency Morongo 24" & 42" (T284) | 394 | | | | | |
| 23 | | Check No. 66 | 403.41 | | | | | | | |
| | | Mojave Siphon | 405.58 | Las Flores Ranch Exchange | 0 | | | | | |
| 24 | 67 | Mojave Siphon Powerplant | 405.65 | | 93,065 | 198 | 16 | 2/ 145 | 3/ 3,250 | |
| | | Silverwood Lake | 407.65 | MWA CS DAM (T288) | 0 | | | | | |
| | | | | California State Park Silverwood (T288) | 16 | | | | | |
| | | | 407.70 | Creastline-Lake Arrowhead WA State Project Water (T289) Non-Project Water (T289) | 343 0 | | | | | |
| | | San Bernardino Intake Tunnel | | | 95,058 | | | | | |
| 26A | 68 | Devil Canyon Powerplant | 412.73 | | 95,058 | 28,049 | 5,500 | 4/ 2,682 | 3/ 3,250 | |
| | | Devil Canyon Afterbay Control Structures | 412.88 | MWD-Rialto (T292) | 0 | | | | | |
| | | | | MWD-Rialto (T293) | 31,299 | | | | | |
| | | | | Desert Water Agency Transfer (T293) | 5,500 | | | | | |
| | | | | Coachella Valley WD Transfer (T293) | 13,321 | | | | | |
| | | | | MWD EBX-1 (T290) | 0 | | | | | |
| | | | | MWD EBX-1 (T291) | 8,646 | | | | | |
| | | | | East Branch Extension | 2,682 | | | | | |
| 28G | 69 | Santa Ana Valley Pipeline | 425.46 | | | | | | | |
| 28H | | | 433.06 | MWD-SC Box Springs (T295) | 11,786 | | | | | |
| | | | 440.05 | MWD-SC Perris Bypass Pipeline (T296) | 21,537 | | | | | |
| 28J | 69 | Lake Perris | 442.00 | MWD-SC (T297) | 161 | 11,786 | 21,537 | 161 | 5/ 701 | |
| | | | 443.44 | MWD-SC 54" & 78" (T299) | 1,613 | | | | | |
| | | | | Calif. State Park | | | | | | |
| | | | | Lake Perris Recreation (T298) | 0 | | | | | |
| | | | | MWD Total: | 160,722 | 156,771 | 0 | 0 | 3,951 | 0 |

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ Transfer of Table A water.

3/ Mojave Water Bank Recovery

4/ Includes 0 AF to San Gabriel Valley MWD, 2,682 AF to San Bernardino Valley MWD, and 0 AF to San Gorgonio Pass WA.

5/ Arvin Edison Water Bank Recovery

Table 32. Water Quality At Selected SWP Locations

August 2007

| Constituent | Units | Thermalito Afterbay At Outlet | North Bay Aqueduct Barker Slough Pumping Plant | Banks Pumping Plant | Delta Mendota Canal At McCabe Rd. | California Aqueduct | | | | Devil Canyon Afterbay Near San Bernardino |
|----------------------------|---------------------------|--|---|------------------------|--|--|---------------------------------|-------------------------------|-------------------------------------|--|
| | | | | | | O'Neill Forebay Outlet (Check 13) | Kettleman City (Check 21) | Near Hwy 119 (Check 29) | Tehachapi Afterbay (Check 41) | |
| Alkalinity | mg/l as CaCO ₃ | 42 | 72 | 59 | 68 | 60 | 60 | 62 | 63 | 67 |
| Antimony | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | NR | NR |
| Arsenic | mg/l | <0.001 | 0.002 | 0.002 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 | 0.003 |
| Beryllium | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Boron | mg/l | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Bromide | mg/l | <0.01 | 0.05 | 0.29 | <0.01 | 0.24 | 0.25 | 0.20 | 0.22 | 0.16 |
| Calcium | mg/l | 4 | 12 | 13 | 17 | 14 | 14 | 16 | 16 | 18 |
| Carbon - Dissolved Organic | mg/l as C | NR | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 |
| Carbon - Total Organic | mg/l as C | NR | 4 | 2 | 3 | 3 | 3 | 3 | 3 | 3 |
| Chloride | mg/l | 1 | 9 | 84 | 67 | 81 | 76 | 68 | 66 | 50 |
| Chromium | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Copper | mg/l | <0.001 | 0.002 | 0.001 | 0.002 | 0.001 | 0.002 | 0.002 | 0.001 | 0.003 |
| Fluoride | mg/l | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| Hardness | mg/l as CaCO ₃ | <1 | 63 | 78 | 88 | 80 | 76 | 81 | 77 | 82 |
| Iron | mg/l | 0.006 | 0.006 | 0.009 | 0.008 | 0.006 | <0.005 | <0.005 | <0.005 | <0.005 |
| Lead | mg/l | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 | <0.001 |
| Magnesium | mg/l | 2 | 8 | 11 | 11 | 11 | 10 | 10 | 9 | 9 |
| Manganese | mg/l | <0.005 | 0.010 | 0.008 | <0.005 | 0.007 | <0.005 | <0.005 | <0.005 | 0.081 |
| Nitrate + Nitrite | mg/l as N | <0.01 | 0.19 | 0.17 | NR | 0.19 | 0.22 | 0.37 | 0.39 | 0.40 |
| Phosphorus-Ortho | mg/l as P | <0.01 | 0.09 | 0.06 | NR | 0.07 | 0.07 | <0.01 | 0.05 | 0.06 |
| Phosphorus-Total | mg/l | 0.01 | 0.11 | 0.09 | NR | 0.08 | 0.10 | 0.08 | 0.05 | 0.10 |
| Selenium | mg/l | <0.001 | <0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 | 0.001 |
| Sodium | mg/l | 2 | 13 | 52 | 44 | 49 | 46 | 45 | 42 | 38 |
| Specific Conductance | µS/cm | 88 | 197 | 461 | 421 | 441 | 423 | 402 | 395 | 527 |
| Sulfate | mg/l | 2 | 10 | 19 | 28 | 22 | 20 | 23 | 23 | 26 |
| Total Dissolved Solids | mg/l | 49 | 108 | 255 | 232 | 246 | 234 | 223 | 239 | 297 |
| Turbidity | NTU | 2 | 67 | 11 | 12 | 5 | 5 | 9 | 7 | 1 |
| Zinc | mg/l | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | <0.005 | 0 |

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

August 2007

| Date | Antioch Tides (feet above mean sea level) | | Flow In CFS | | Electrical Conductivity in millisiemens/cm | | | | | | | | Cl in mg/l | | | |
|------|--|--------------------------|----------------------------|--------------------|--|---------|------------------|---------|------|-----------------|------|------------------|-----------------|---------------------------|------|-----|
| | | | Net Delta Outflow Index | | Rio Vista | Antioch | Chipps Island | Emmaton | | Jersey Point | | Clifton Court | Cache Slough | Delta Mendota Canal | | |
| | Highest High Tide | Actual High Half Tide | Mean Daily | Monthly Average | | | | md | md | md | 14dm | md | 14dm | md | md | |
| 38 | 1 | 6.43 | 4.51 | 3,369 | 3,369 | 9,721 | 2.69 | 0.00 | 0.62 | 0.39 | 0.92 | 0.73 | 0.34 | 0.31 | 0.35 | 82 |
| | 2 | 6.12 | 4.49 | 3,074 | 3,222 | 9,593 | 2.71 | 5.33 | 0.59 | 0.41 | 0.95 | 0.75 | 0.35 | 0.31 | 0.34 | 86 |
| | 3 | 5.92 | 4.37 | 2,926 | 3,123 | 9,421 | 2.51 | 5.00 | 0.47 | 0.43 | 0.94 | 0.78 | 0.36 | 0.32 | 0.36 | 90 |
| | 4 | 6.16 | 4.20 | 4,567 | 3,484 | 9,745 | 2.53 | 4.67 | 0.45 | 0.45 | 0.93 | 0.81 | 0.38 | 0.32 | 0.37 | 98 |
| | 5 | 6.46 | 4.39 | 3,330 | 3,453 | 9,601 | 2.91 | 5.54 | 0.72 | 0.49 | 1.00 | 0.84 | 0.39 | 0.31 | 0.38 | 98 |
| | 6 | 6.42 | 4.31 | 2,919 | 3,364 | 9,221 | 2.92 | 6.61 | 0.69 | 0.53 | 1.03 | 0.86 | 0.39 | 0.36 | 0.40 | 98 |
| | 7 | 6.60 | 4.31 | 3,884 | 3,438 | 9,876 | 3.01 | 8.85 | 0.64 | 0.56 | 1.11 | 0.89 | 0.40 | 0.41 | 0.40 | 98 |
| | 8 | 6.69 | 4.43 | 3,766 | 3,479 | 9,873 | 3.27 | 9.01 | 0.81 | 0.59 | 1.20 | 0.93 | 0.40 | 0.39 | 0.40 | 94 |
| | 9 | 6.69 | 4.47 | 3,540 | 3,486 | 9,717 | 3.47 | 9.39 | 0.91 | 0.63 | 1.58 | 0.99 | 0.41 | 0.38 | 0.40 | 110 |
| | 10 | 6.66 | 4.38 | 4,321 | 3,570 | 10,216 | 3.45 | 8.80 | 0.92 | 0.66 | 1.49 | 1.04 | 0.41 | 0.37 | 0.41 | 112 |
| | 11 | 6.59 | 4.35 | 5,364 | 3,733 | 10,525 | 3.50 | 8.45 | 1.76 | 0.67 | 1.81 | 1.06 | 0.42 | 0.27 | 0.39 | 117 |
| | 12 | 6.42 | 4.20 | 4,490 | 3,796 | 10,364 | 3.29 | 7.85 | 0.79 | 0.69 | 1.34 | 1.10 | 0.43 | 0.40 | 0.42 | 122 |
| | 13 | 6.15 | 4.07 | 5,045 | 3,892 | 10,658 | 3.05 | 7.58 | 0.64 | 0.69 | 1.28 | 1.13 | 0.43 | 0.46 | 0.42 | 125 |
| | 14 | 5.88 | 4.05 | 5,279 | 3,991 | 10,860 | 2.94 | 8.30 | 0.53 | 0.68 | 1.32 | 1.16 | 0.46 | 0.47 | 0.42 | 135 |
| | 15 | 5.69 | 4.03 | 4,962 | 4,056 | 10,704 | 2.94 | 0.00 | 0.50 | 0.67 | 1.27 | 1.19 | 0.48 | 0.45 | 0.43 | 137 |
| | 16 | 5.37 | 3.98 | 4,904 | 4,109 | 10,682 | 2.86 | 0.00 | 0.38 | 0.65 | 1.28 | 1.21 | 0.47 | 0.43 | 0.45 | 132 |
| | 17 | 5.33 | 3.81 | 4,765 | 4,147 | 10,594 | 2.65 | 7.85 | 0.33 | 0.64 | 1.35 | 1.24 | 0.48 | 0.44 | 0.44 | 140 |
| | 18 | 5.61 | 3.83 | 4,287 | 4,155 | 10,211 | 2.72 | 7.95 | 0.34 | 0.63 | 1.39 | 1.28 | 0.49 | 0.39 | 0.44 | 135 |
| | 19 | 5.65 | 3.92 | 3,406 | 4,116 | 9,509 | 2.80 | 8.17 | 0.36 | 0.60 | 1.26 | 1.30 | 0.48 | 0.37 | 0.44 | 135 |
| | 20 | 5.78 | 3.94 | 3,590 | 4,089 | 9,625 | 2.81 | 8.01 | 0.38 | 0.58 | 1.29 | 1.32 | 0.49 | 0.44 | 0.45 | 142 |
| | 21 | 6.01 | 4.13 | 3,644 | 4,068 | 9,594 | 3.02 | 8.54 | 0.53 | 0.57 | 1.39 | 1.34 | 0.51 | 0.41 | 0.45 | 135 |
| | 22 | 6.27 | 4.40 | 3,072 | 4,023 | 9,206 | 3.40 | 9.11 | 0.66 | 0.56 | 1.50 | 1.36 | 0.51 | 0.35 | 0.46 | 135 |
| | 23 | 6.67 | 4.72 | 2,965 | 3,977 | 9,161 | 4.06 | 10.58 | 1.00 | 0.57 | 1.64 | 1.37 | 0.51 | 0.33 | 0.47 | 140 |
| | 24 | 6.67 | 4.76 | 3,021 | 3,937 | 9,199 | 4.58 | 11.62 | 1.19 | 0.59 | 1.73 | 1.39 | 0.48 | 0.30 | 0.46 | 145 |
| | 25 | 6.58 | 4.52 | 4,500 | 3,960 | 9,296 | 4.36 | 11.14 | 1.14 | 0.63 | 1.65 | 1.41 | 0.49 | 0.29 | 0.48 | 150 |
| | 26 | 6.43 | 4.34 | 4,538 | 3,982 | 9,303 | 3.92 | 10.33 | 1.02 | 0.64 | 1.53 | 1.42 | 0.52 | 0.30 | 0.50 | 170 |
| | 27 | 6.39 | 4.22 | 4,991 | 4,019 | 9,241 | 3.61 | 9.64 | 0.84 | 0.66 | 1.47 | 1.43 | 0.57 | 0.35 | 0.52 | 165 |
| | 28 | 6.16 | 4.03 | 4,895 | 4,050 | 9,112 | 3.21 | 9.02 | 0.78 | 0.68 | 1.40 | 1.44 | 0.60 | 0.38 | 0.54 | 160 |
| | 29 | 5.91 | 3.99 | 4,618 | 4,070 | 9,033 | 3.14 | 8.98 | 0.76 | 0.69 | 1.38 | 1.45 | 0.63 | 0.43 | 0.56 | 160 |
| | 30 | 5.67 | 3.94 | 4,556 | 4,086 | 8,993 | 3.11 | 8.74 | 0.71 | 0.72 | 1.39 | 1.46 | 0.64 | 0.46 | 0.57 | 150 |
| | 31 | 5.75 | 3.92 | 4,617 | 4,103 | 8,976 | 3.05 | 8.65 | 0.63 | 0.74 | 1.37 | 1.46 | 0.65 | 0.46 | 0.57 | 195 |

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

August 2007

| Sampling Location | Sample Date 1/ | Chemical Detected | Concentration µg/l 2/ |
|--|-------------------|-------------------|-----------------------------|
| North Bay Aqueduct At Barker Slough Pumping Plant | June 20, 2007 | Diuron | 0.72 |
| California Aqueduct At Banks Pumping Plant | June 20, 2007 | Metolachlor | 0.20 |
| | June 20, 2007 | Simazine | 0.05 |
| | June 20, 2007 | Diuron | 0.66 |
| O'Niell Forebay Outlet Check 13 | June 20, 2007 | Simazine | 0.05 |
| Delta Mendota Canal At McCabe Road | June 20, 2007 | Metolachlor | 0.10 |
| | June 20, 2007 | Itrazine | 0.02 |
| | June 20, 2007 | Simazine | 0.03 |
| | June 20, 2007 | Diuron | 0.31 |
| California Aqueduct Near Kettleman City (Check 21) | June 19, 2007 | Simazine | 0.06 |
| California Aqueduct At Near Highway 119 (Check 29) | June 21, 2007 | Simazine | 0.03 |
| California Aqueduct at Tehachapi Afterbay (Check 41) | June 20, 2007 | Simazine | 0.05 |
| California Aqueduct At Devil Canyon Headworks | June 20, 2007 | Simazine | 0.05 |

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

| (in kWh) | | August 2007 | | | | | | |
|----------|-----------------------------|-------------|-----------------------------|-----------------------------|---------------------|-------------|------------------------------|------------------------------|
| Date | Oroville Thermalito Complex | | Barker Slough Pumping Plant | Cordelia Pumping Plant Load | Banks Pumping Plant | | South Bay Pumping Plant Load | Del Valle Pumping Plant Load |
| | Generation | Load | | | Total Load | SWP Load | | |
| 1 | 5,901,160 | 870 | 54,410 | 46,500 | 3,924,340 | 3,633,340 | 514,330 | 470 |
| 2 | 9,702,630 | 0 | 63,020 | 49,010 | 3,924,760 | 3,633,760 | 505,350 | 480 |
| 3 | 10,367,730 | 0 | 63,180 | 50,070 | 3,924,410 | 3,633,410 | 520,200 | 480 |
| 4 | 8,862,800 | 170 | 63,250 | 49,270 | 3,924,070 | 3,633,070 | 508,650 | 500 |
| 5 | 6,846,660 | 1,900 | 59,820 | 48,470 | 3,962,220 | 3,671,220 | 508,990 | 480 |
| 6 | 9,807,710 | 0 | 58,630 | 48,080 | 3,836,650 | 3,545,650 | 521,720 | 460 |
| 7 | 10,624,510 | 0 | 59,050 | 49,730 | 3,932,650 | 3,641,650 | 523,790 | 460 |
| 8 | 9,691,330 | 0 | 62,050 | 50,130 | 3,999,820 | 3,708,820 | 494,890 | 450 |
| 9 | 9,383,760 | 0 | 60,090 | 48,810 | 3,913,310 | 3,622,310 | 509,940 | 470 |
| 10 | 10,143,990 | 0 | 65,840 | 51,990 | 4,119,740 | 3,828,740 | 508,650 | 490 |
| 11 | 9,346,110 | 0 | 61,090 | 49,240 | 3,154,260 | 2,863,260 | 502,890 | 500 |
| 12 | 9,298,000 | 0 | 60,110 | 48,210 | 4,463,910 | 4,172,910 | 496,200 | 490 |
| 13 | 10,929,610 | 0 | 59,730 | 48,880 | 4,089,150 | 3,798,150 | 501,250 | 490 |
| 14 | 10,056,500 | 0 | 57,710 | 46,800 | 4,063,730 | 3,772,730 | 509,470 | 500 |
| 15 | 10,329,530 | 0 | 56,580 | 46,810 | 4,341,360 | 4,050,360 | 488,350 | 520 |
| 16 | 10,408,190 | 0 | 62,170 | 49,620 | 3,983,710 | 3,692,710 | 489,260 | 510 |
| 17 | 9,611,420 | 0 | 63,770 | 50,000 | 4,074,940 | 3,783,940 | 504,490 | 510 |
| 18 | 7,107,530 | 0 | 56,900 | 48,260 | 4,033,590 | 3,742,590 | 504,310 | 510 |
| 19 | 7,029,060 | 0 | 59,900 | 48,390 | 4,041,410 | 3,750,410 | 496,220 | 510 |
| 20 | 11,147,280 | 1,500 | 59,350 | 49,250 | 3,866,170 | 3,575,170 | 496,350 | 500 |
| 21 | 8,146,520 | 3,560 | 59,760 | 49,560 | 3,855,850 | 3,564,850 | 466,030 | 510 |
| 22 | 6,903,040 | 7,950 | 64,300 | 48,930 | 4,101,330 | 3,810,330 | 495,510 | 520 |
| 23 | 8,404,120 | 3,920 | 65,230 | 50,650 | 4,039,470 | 3,748,470 | 506,670 | 540 |
| 24 | 8,700,700 | 3,850 | 64,070 | 51,910 | 4,047,970 | 3,756,970 | 505,000 | 540 |
| 25 | 6,347,080 | 8,170 | 59,750 | 51,620 | 3,258,730 | 2,967,730 | 508,870 | 530 |
| 26 | 4,035,920 | 15,380 | 61,630 | 52,300 | 3,263,940 | 2,972,940 | 486,770 | 520 |
| 27 | 8,414,580 | 4,720 | 59,360 | 49,650 | 3,156,370 | 2,865,370 | 499,480 | 520 |
| 28 | 9,143,900 | 3,630 | 56,310 | 45,920 | 3,076,360 | 3,076,360 | 462,360 | 520 |
| 29 | 6,874,450 | 0 | 66,190 | 50,140 | 3,089,540 | 3,089,540 | 462,830 | 500 |
| 30 | 8,455,670 | 0 | 60,820 | 48,820 | 3,082,340 | 3,082,340 | 505,840 | 500 |
| 31 | 7,794,550 | 0 | 70,400 | 52,970 | 3,328,720 | 3,328,720 | 523,540 | 500 |
| Total | 269,816,040 | 55,620 | 1,894,470 | 1,529,990 | 117,874,820 | 110,017,820 | 15,528,200 | 15,480 |

Table 36. San Luis Field Division Energy Data

(in kWh)

August 2007

| Date | Dos Amigos Pumping Plant | | Gianelli Pumping-Generating Plant | | | |
|-------|--------------------------|-------------|-----------------------------------|-------------------|------------|-------------|
| | Total Load | SWP Load 1/ | Total Generation | SWP Generation 1/ | Total Load | SWP Load 1/ |
| 1 | 2,042,550 | 1,626,550 | 800,380 | 800,380 | 441,290 | 9,290 |
| 2 | 2,205,570 | 1,789,570 | 349,870 | 349,870 | 443,540 | 443,540 |
| 3 | 2,187,940 | 1,771,940 | 108,520 | 108,520 | 158,950 | 158,950 |
| 4 | 1,876,470 | 1,460,470 | 0 | 0 | 19,500 | 19,500 |
| 5 | 2,013,960 | 1,605,960 | 0 | 0 | 18,780 | 18,780 |
| 6 | 1,752,980 | 1,336,980 | 0 | 0 | 19,570 | 19,570 |
| 7 | 1,977,770 | 1,561,770 | 0 | 0 | 19,280 | 19,280 |
| 8 | 1,695,440 | 1,279,440 | 0 | 0 | 496,330 | 496,330 |
| 9 | 1,874,120 | 1,458,120 | 0 | 0 | 735,360 | 303,360 |
| 10 | 1,808,560 | 1,392,560 | 0 | 0 | 522,520 | 522,520 |
| 11 | 2,004,300 | 1,588,300 | 0 | 0 | 585,830 | 297,830 |
| 12 | 1,635,210 | 1,227,210 | 264,030 | 264,030 | 1,385,530 | 1,097,530 |
| 13 | 1,718,860 | 1,302,860 | 0 | 0 | 514,540 | 514,540 |
| 14 | 1,749,280 | 1,333,280 | 0 | 0 | 308,680 | 308,680 |
| 15 | 1,701,880 | 1,285,880 | 64,030 | 64,030 | 972,510 | 540,510 |
| 16 | 1,678,660 | 1,262,660 | 142,040 | 142,040 | 717,810 | 285,810 |
| 17 | 1,666,510 | 1,250,510 | 302,560 | 302,560 | 438,910 | 438,910 |
| 18 | 1,617,580 | 1,201,580 | 0 | 0 | 1,364,630 | 1,364,630 |
| 19 | 1,582,720 | 1,174,720 | 0 | 0 | 1,155,810 | 1,155,810 |
| 20 | 1,624,200 | 1,208,200 | 255,190 | 255,190 | 608,890 | 608,890 |
| 21 | 1,550,650 | 1,134,650 | 0 | 0 | 1,069,120 | 637,120 |
| 22 | 1,416,260 | 1,000,260 | 0 | 0 | 1,434,160 | 858,160 |
| 23 | 1,636,180 | 1,220,180 | 0 | 0 | 804,510 | 372,510 |
| 24 | 1,639,880 | 1,223,880 | 0 | 0 | 1,253,240 | 965,240 |
| 25 | 1,496,730 | 1,080,730 | 0 | 0 | 897,050 | 609,050 |
| 26 | 1,568,350 | 1,160,350 | 0 | 0 | 604,080 | 124,080 |
| 27 | 1,107,760 | 691,760 | 0 | 0 | 775,880 | 391,880 |
| 28 | 1,368,600 | 952,600 | 0 | 0 | 1,248,080 | 672,080 |
| 29 | 1,359,280 | 1,031,280 | 172,460 | 172,460 | 997,820 | 421,820 |
| 30 | 1,425,390 | 1,097,390 | 137,220 | 137,220 | 1,560,750 | 984,750 |
| 31 | 1,307,630 | 979,630 | 67,540 | 67,540 | 1,351,860 | 919,860 |
| Total | 52,291,270 | 39,691,270 | 2,663,840 | 2,663,840 | 22,924,810 | 15,580,810 |

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Pumping Plant Energy Load Data

(in kWh)

August 2007

| Date | Coastal Branch | | | | | California Aqueduct | | | |
|-------|----------------|-------------|-------------|-----------|-----------|---------------------|------------|-------------|-------------|
| | Las Perillas | Badger Hill | Devil's Den | Bluestone | Polonio | Buena Vista | Teerink | Chrisman | Edmonston |
| 1 | 57,540 | 144,670 | 82,370 | 77,710 | 83,540 | 1,940,470 | 2,019,110 | 4,352,770 | 15,920,680 |
| 2 | 55,740 | 138,910 | 82,740 | 78,870 | 84,040 | 1,952,310 | 2,016,320 | 4,364,220 | 15,883,990 |
| 3 | 53,110 | 132,780 | 60,830 | 56,650 | 62,250 | 1,926,000 | 2,028,630 | 4,357,440 | 15,886,960 |
| 4 | 54,910 | 136,980 | 57,160 | 53,910 | 59,010 | 1,946,500 | 2,023,360 | 4,374,520 | 16,116,570 |
| 5 | 66,880 | 166,270 | 114,950 | 111,630 | 113,410 | 1,974,800 | 2,180,350 | 4,826,040 | 17,755,580 |
| 6 | 58,950 | 148,840 | 77,740 | 73,140 | 78,940 | 1,856,100 | 1,991,390 | 4,313,650 | 15,860,720 |
| 7 | 54,580 | 130,720 | 71,990 | 67,900 | 73,410 | 1,958,660 | 1,993,980 | 4,342,020 | 15,885,940 |
| 8 | 45,370 | 110,780 | 81,370 | 77,650 | 83,090 | 1,920,680 | 2,061,200 | 4,464,140 | 16,487,930 |
| 9 | 45,740 | 114,660 | 78,980 | 74,290 | 80,170 | 2,002,750 | 2,092,970 | 4,567,820 | 16,662,350 |
| 10 | 49,070 | 123,340 | 69,670 | 65,780 | 70,830 | 1,940,080 | 2,053,540 | 4,445,350 | 16,301,680 |
| 11 | 52,060 | 128,830 | 73,690 | 69,580 | 74,830 | 1,971,830 | 2,092,540 | 4,562,640 | 16,892,470 |
| 12 | 60,500 | 147,520 | 74,610 | 69,310 | 76,100 | 1,988,500 | 2,221,830 | 4,911,060 | 18,059,710 |
| 13 | 52,670 | 128,720 | 72,000 | 67,860 | 73,420 | 1,802,660 | 1,989,130 | 4,343,680 | 15,885,210 |
| 14 | 53,720 | 131,020 | 72,910 | 68,160 | 74,310 | 2,008,940 | 2,066,060 | 4,474,400 | 16,469,160 |
| 15 | 54,070 | 132,470 | 64,980 | 61,400 | 66,580 | 1,978,090 | 2,046,010 | 4,466,570 | 16,329,490 |
| 16 | 54,190 | 134,740 | 87,580 | 81,830 | 85,510 | 1,919,560 | 2,074,830 | 4,503,000 | 16,480,040 |
| 17 | 51,580 | 128,080 | 74,230 | 70,580 | 76,270 | 1,947,270 | 2,060,200 | 4,467,480 | 16,289,720 |
| 18 | 53,960 | 130,850 | 80,200 | 75,180 | 80,300 | 1,890,580 | 2,017,980 | 4,411,720 | 16,365,940 |
| 19 | 56,150 | 135,340 | 75,110 | 71,440 | 76,930 | 2,072,320 | 2,276,980 | 5,007,950 | 18,725,580 |
| 20 | 50,320 | 125,160 | 76,600 | 71,450 | 77,360 | 1,896,700 | 2,049,090 | 4,478,130 | 16,300,410 |
| 21 | 29,590 | 76,040 | 50,980 | 47,590 | 52,280 | 1,663,600 | 1,768,240 | 3,847,540 | 13,922,850 |
| 22 | 26,130 | 61,680 | 47,190 | 46,410 | 47,350 | 1,719,510 | 1,777,220 | 3,846,780 | 14,062,440 |
| 23 | 55,490 | 139,070 | 69,640 | 65,740 | 69,330 | 1,698,550 | 1,755,080 | 3,810,690 | 13,877,380 |
| 24 | 44,750 | 110,980 | 82,330 | 78,070 | 82,630 | 1,620,910 | 1,700,470 | 3,681,780 | 13,419,410 |
| 25 | 51,810 | 126,410 | 86,020 | 80,570 | 86,120 | 1,594,490 | 1,694,780 | 3,678,360 | 13,415,840 |
| 26 | 46,440 | 112,660 | 77,850 | 72,230 | 77,480 | 1,819,890 | 1,993,880 | 4,432,200 | 16,351,440 |
| 27 | 35,750 | 88,210 | 75,170 | 69,910 | 75,730 | 1,549,710 | 1,740,650 | 3,775,950 | 13,938,640 |
| 28 | 43,700 | 107,280 | 77,020 | 72,670 | 77,760 | 1,628,830 | 1,750,420 | 3,784,360 | 13,900,410 |
| 29 | 40,510 | 100,500 | 68,350 | 63,250 | 68,730 | 1,454,350 | 1,516,340 | 3,289,680 | 11,778,160 |
| 30 | 40,730 | 103,950 | 92,330 | 88,290 | 92,120 | 1,452,610 | 1,557,380 | 3,405,350 | 12,424,860 |
| 31 | 30,910 | 74,990 | 70,720 | 66,190 | 71,730 | 1,627,500 | 1,654,880 | 3,580,470 | 12,766,650 |
| Total | 1,526,920 | 3,772,450 | 2,327,310 | 2,195,240 | 2,351,560 | 56,724,750 | 60,264,840 | 131,167,760 | 480,418,210 |

Table 38. Southern Field Division Energy Data

(in kWh)

August 2007

| Date | West Branch | | | East Branch | | | | East Branch Extension | | |
|-------|------------------------|-----------------------------|--------------------------------------|-----------------------------|--------------------------------|------------------------------------|-------------------------------------|--------------------------|-----------------------------|-----------------------------|
| | Oso Pumping Plant Load | Warne Powerplant Generation | Castaic Powerplant SWP Generation /1 | Alamo Powerplant Generation | Pearblossom Pumping Plant Load | Devil Canyon Powerplant Generation | Mojave Siphon Powerplant Generation | Green Spot Pumping Plant | Crafton Hills Pumping Plant | Cherry Valley Pumping Plant |
| 1 | 902,495 | 1,556,420 | 3,216,000 | 308,436 | 2,099,442 | 3,942,524 | 229,658 | 17,325 | 20,379 | 600 |
| 2 | 934,347 | 1,556,690 | 3,216,000 | 263,281 | 2,082,074 | 4,015,328 | 223,863 | 18,238 | 16,083 | 666 |
| 3 | 898,693 | 1,557,620 | 3,216,000 | 322,449 | 2,132,313 | 4,069,680 | 235,166 | 32,017 | 33,436 | 619 |
| 4 | 894,208 | 1,553,190 | 3,216,000 | 322,468 | 2,252,782 | 3,992,435 | 248,507 | 1,758 | 655 | 600 |
| 5 | 1,008,901 | 1,555,170 | 3,216,000 | 313,380 | 2,018,504 | 3,851,582 | 237,421 | 19,927 | 23,137 | 563 |
| 6 | 903,376 | 1,557,720 | 3,216,000 | 303,066 | 2,008,255 | 3,927,057 | 228,046 | 18,336 | 21,649 | 572 |
| 7 | 934,960 | 1,557,040 | 3,216,000 | 313,954 | 2,194,347 | 4,135,611 | 257,041 | 18,768 | 21,758 | 488 |
| 8 | 941,693 | 1,558,530 | 3,216,000 | 322,953 | 2,014,806 | 4,059,326 | 230,825 | 19,161 | 21,014 | 516 |
| 9 | 921,980 | 1,558,950 | 3,216,000 | 333,930 | 2,198,883 | 4,075,218 | 241,189 | 18,709 | 21,024 | 591 |
| 10 | 917,782 | 1,558,100 | 3,216,000 | 318,354 | 2,296,730 | 4,077,977 | 245,817 | 14,221 | 16,262 | 553 |
| 11 | 917,277 | 1,556,230 | 3,216,000 | 298,161 | 2,351,386 | 4,048,032 | 261,086 | 23,050 | 21,441 | 591 |
| 12 | 893,723 | 1,556,870 | 3,216,000 | 311,847 | 2,611,406 | 4,049,693 | 287,174 | 23,365 | 21,331 | 628 |
| 13 | 1,245,723 | 1,557,970 | 3,216,000 | 186,392 | 1,247,079 | 4,145,481 | 130,113 | 34,532 | 33,505 | 675 |
| 14 | 841,178 | 1,558,150 | 3,216,000 | 322,063 | 2,366,251 | 4,058,782 | 276,533 | 15,852 | 12,680 | 666 |
| 15 | 872,832 | 1,557,980 | 3,216,000 | 319,175 | 2,285,673 | 3,921,786 | 281,922 | 24,936 | 13,583 | 666 |
| 16 | 865,188 | 1,556,510 | 3,216,000 | 146,648 | 2,257,777 | 3,909,068 | 257,773 | 23,178 | 11,291 | 722 |
| 17 | 877,109 | 1,346,620 | 3,216,000 | 0 | 2,427,478 | 3,881,863 | 254,124 | 23,934 | 18,732 | 675 |
| 18 | 881,762 | 1,566,970 | 3,216,000 | 0 | 2,329,232 | 3,787,401 | 261,907 | 18,837 | 21,034 | 685 |
| 19 | 953,069 | 1,566,350 | 3,216,000 | 135,423 | 2,503,260 | 3,405,053 | 269,620 | 18,503 | 20,558 | 657 |
| 20 | 990,644 | 1,548,250 | 2,904,000 | 297,943 | 2,326,909 | 3,568,572 | 270,134 | 23,198 | 21,222 | 685 |
| 21 | 789,673 | 1,469,250 | 2,904,000 | 232,882 | 1,899,163 | 3,286,412 | 216,129 | 19,230 | 21,480 | 657 |
| 22 | 839,772 | 1,550,320 | 2,904,000 | 281,092 | 1,560,957 | 3,244,205 | 183,060 | 19,269 | 21,709 | 600 |
| 23 | 787,584 | 1,549,880 | 2,904,000 | 281,161 | 1,977,478 | 2,988,657 | 210,799 | 14,575 | 16,073 | 638 |
| 24 | 784,723 | 1,550,850 | 2,904,000 | 271,143 | 1,638,285 | 3,576,009 | 190,981 | 18,945 | 15,716 | 610 |
| 25 | 809,168 | 1,553,810 | 2,904,000 | 242,949 | 1,770,030 | 3,159,840 | 192,257 | 23,620 | 21,530 | 628 |
| 26 | 896,743 | 1,549,320 | 2,904,000 | 309,543 | 2,010,439 | 3,181,794 | 219,877 | 14,329 | 15,815 | 582 |
| 27 | 784,644 | 1,549,140 | 2,736,000 | 266,624 | 1,727,368 | 3,326,691 | 196,351 | 14,840 | 15,527 | 647 |
| 28 | 785,257 | 1,553,320 | 2,736,000 | 260,443 | 1,820,000 | 3,352,987 | 189,656 | 22,314 | 17,403 | 657 |
| 29 | 582,287 | 1,550,850 | 2,736,000 | 241,199 | 1,533,669 | 3,149,436 | 162,015 | 26,370 | 20,548 | 703 |
| 30 | 695,792 | 1,551,080 | 2,736,000 | 262,065 | 1,729,113 | 3,314,211 | 190,635 | 23,286 | 17,561 | 760 |
| 31 | 688,030 | 1,552,130 | 2,736,000 | 255,785 | 1,822,991 | 3,171,924 | 227,047 | 22,609 | 12,600 | 685 |
| Total | 27,040,614 | 47,921,280 | 95,112,000 | 8,044,808 | 63,494,078 | 114,674,634 | 7,106,725 | 627,234 | 586,735 | 19,584 |

/1 Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations